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The
CHEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER

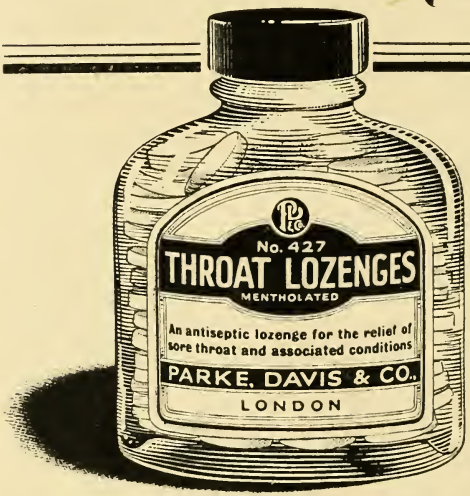
MARCH 20, 1948

Index to Advertisers pp. 5 & 6

Parke-Davis

Throat Lozenges

(MENTHOLATED)



In vials of 40 lozenges
M.R.P. 1/8 (*Incl. Pur. Tax*)

BONUS TERMS ARE AVAILABLE FOR PHARMACISTS

This is an excellent counter-line that deserves the attention of all pharmacists. It is packed in a useful vest-pocket vial which appeals to everyone.

The lozenges are pleasantly-tasting, and, being free from harmful ingredients, are suitable for children. The effective constituents and palatable sugar base win quick customer response and ensure repeat sales.

P.A.T.A.

PARKE, DAVIS & COMPANY
50, BEAK STREET, LONDON, W.1.
LABORATORIES: HOUNSLOW, MIDDLESEX. INC. U.S.A., LIABILITY LTD.

A clean and germ-free feeding bottle should be the aim of every mother. You can help them to achieve this by telling them about the MILTON baby's bottle routine! It is simple and safe to carry out. No boiling water is needed.

Bourjois

returns to Croydon

March 12

We are pleased to announce that reconstruction and modernisation of the permanent Bourjois offices and factory at Croydon, from which we were bombed out in 1940, are now nearly completed. Bourjois returns to these original premises on March 12, and we shall soon be able to invite you to visit what we believe are the finest, most modern offices and factory in the perfumery industry.

CHIEF EXECUTIVE OFFICES:
Standbrook House, 2/5, Old Bond Street, London, W.1.
Telephone: Regent 1377

IMPORTANT NOTE: The Bourjois Soap Factory at 34 Eagle Wharf Road, London, N.1 (Telephone: Clerkenwell 1386), will continue to operate at this address.

BOURJOIS LIMITED

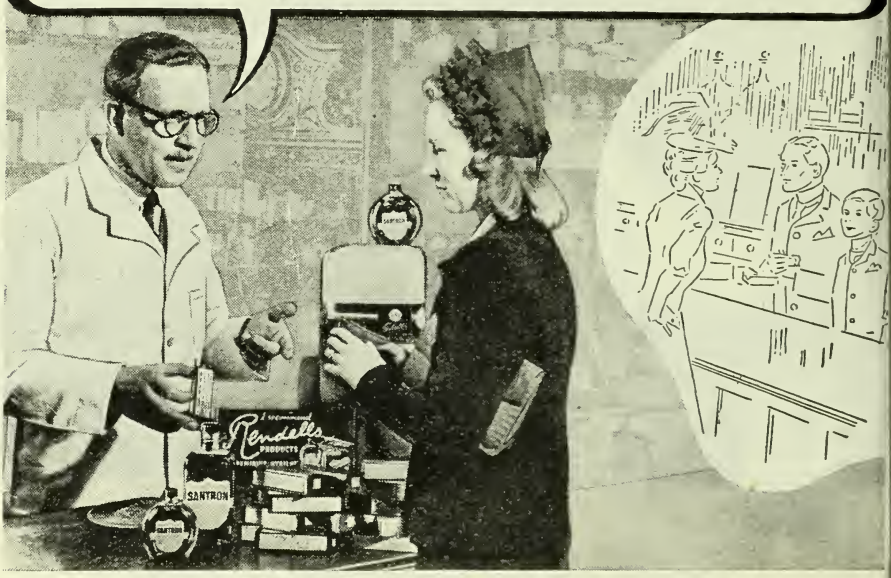
The richest sources of vitamins A and D—the livers of fish — have always had the disadvantages of strong taste and difficulty of mixing with milk. Crookes have now developed their new Halibut Oil ***Emulsion*** for Infants to overcome these difficulties. This new Emulsion, which is basically the highly potent Crookes Halibut Oil, mixes immediately with milk and is agreeable to take. Three drops in the infant's feed, for only 4 of the daily feeds, provides 3000 I.U. of vitamin A and 800 I.U. of vitamin D.

CROOKES HALIBUT OIL **EMULSION** FOR INFANTS

Obtainable only from Chemists — 3/6d a bottle. *Literature available upon request.*

THE CROOKES LABORATORIES LIMITED, PARK ROYAL, LONDON N.W.10

It's a tradition with us



" Yes, Mrs. Dale, we have been established a very long time and ever since I can remember from my apprenticeship days here, we have always recommended Rendells. No, the transparent wrapping is not new. It was always a feature of Rendells packing before the war, and is just another indication the product is back to normal."

ON BOTH SIDES OF THE COUNTER

THERE'S CONFIDENCE IN

Rendells

NOW WRAPPED IN CELLULOSE FILM AGAIN

W. J. RENDELL LTD., 161 ROSEBERY AVENUE, LONDON, E.C.1

INDEX TO ADVERTISERS

glo-American Distributing Co., Ltd. xxx
glo-French Drug Co., Ltd. Leader Page
mour & Co., Ltd. 10
hley & Weeks, Ltd. xxx
kinsons 27

ldwin Chemical Industries, Ltd. 22
rker, R., & Son, Ltd. 20
atson, Clark & Co., Ltd. ... vi
aulah, J. & J., Ltd. xxiv
ll, John, Hills & Lucas, Ltd. .....Leader Page
llig, J., & Sons, Ltd. xii
ackwell, Hayes & Co., Ltd. 15
urjois, Ltd. 2
itish Rototherm Co., Ltd. vi
ook, Parker & Co., Ltd. ... xxvi
own & Forth, Ltd. v
rgoyne Burbidges & Co. Ltd. .....Front Cover
rrough, James, Ltd. Leader Page
rroughs Wellcome & Co. ... 33
suttil Lewis xx

lthorpe, M., & Co., Ltd. xxi
rnegie Chemicals (Welwyn), Ltd. .....Cover iv
rter's Little Liver Pills xxiv
ton & Sons. .....Leader Page
hemical & Natural Products, Ltd. .....xvii, xviii

Christy, Thomas & Co., Ltd. xxii
Commercial Development Co. xxxiv
Continental Laboratories, Ltd. 24
Cow, P. B., (Streatham), Ltd. x
Cox, Arthur H., & Co., Ltd. 8
Cox, J., & Co. xv
Crookes Laboratories, Ltd. ... 3
Cross & Max, Ltd. xxiii
Cupal, Ltd. 20
Cynamid Products, Ltd. 23

Dales Aspirin & Tableting Co. 15
Damancy & Co., Ltd. 26
Dangoor, N. S., Ltd. xxxiii
Daniel, Richard, & Son, Ltd. 13
Davenport, J. T., Ltd. xxvi
Devon, D., Ltd. 26
Dobson & Steiner, Ltd. 30
Domestos, Ltd. xv

Ellis, J. E., Ltd. 24
Eucryl, Ltd. xxviii

Fecher, M. J., Ltd. 6
Feen-a-Mint xxvi
Fennings, A. .....Leader Page
Ferris & Co., Ltd. 24
Ferryman, Herbert, Ltd. 22
Franco-British Electrical Co., Ltd. 15
French, Ann xxi
Freudentheil, Smith & Co. Leader Page
Fubex, Ltd. xiv

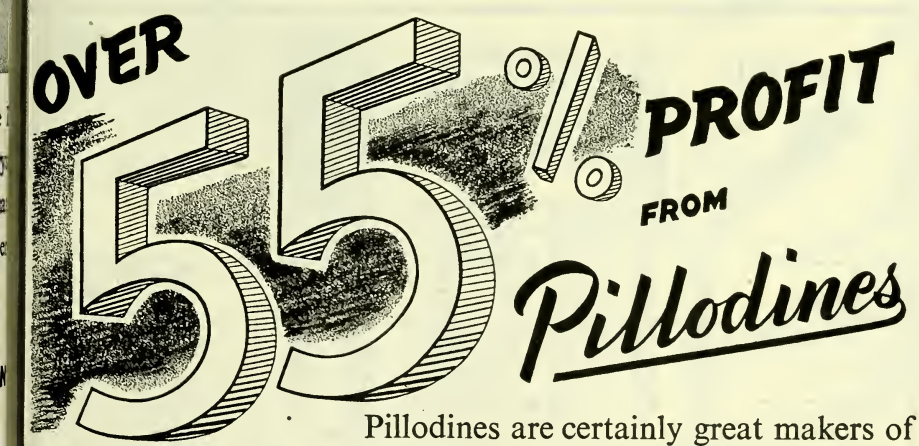
Genatosan, Ltd. xix
Gnome Photo. Prods., Ltd. ... x
Gould, N. & M., Ltd. Leader Page
Gosheron, John, & Co., Ltd. xv
Granto Laboratories, Ltd. ... xxv
Guest, Thos., & Co., Ltd. ... 10

Haetem, Ltd. 30
Hampshire, F. W. & Co., Ltd. 16
Hatchwell Co., Ltd. xiv
Hersom, A. G. iv
Herts Pharmaceuticals, Ltd. ... 12
Hewlett, C. J., & Son, Ltd. ... 12
Hirst, Stuart, Ltd. ...Leader Page
Home and Away Distributors, Ltd. xx
Hough, Hoseason & Co., Ltd. 13
Howards & Sons, Ltd. i

Imperial Chemicals (Pharmaceuticals), Ltd. 17
Indigenous Mnfrs. & Produce (Sales), Co. 20
Ingram, J. G., & Son, Ltd. xi
International Chemical Co., Ltd. 25

James, B., Esq. xxxiv
Jarvie, Hugh & Co., Ltd. ... v
Jeffreys, Miller & Co., Ltd. ... 15
Jobling, J. A., & Co., Ltd. ... iv
Johnson & Johnson (G.B.), Ltd. xxxii
Johnson Agencies (Proprietaries), Ltd. xx

(continued overleaf)



Pillodines are certainly great makers of profits for pharmacists—and very efficacious cold preventives from the public's point of view.

Sales are backed by 'sell-on-sight' counter-display cartons, 'story-at-a-glance' showcards and ingenious twist-release containers. Write for trade terms now

WATFORD CHEMICAL Co. Ltd., 30 BAKER STREET, LONDON, W.1

INDEX (cont.)

Keeling & Walker, Ltd. iv
King, R. S. 14
Knox Laboratories, Ltd. 19
Koko Cream Shampoo 32
Koray, Ltd. xxvii

La Compagnie Des Cosmetiques Grand Siecle, Ltd. ... 26
Lawrence, Geo. H., Ltd. ix
Leda Chemicals, Ltd. xxii
Leigh & Sons Metal Works ... vi
Lennon, Ltd. v
Lever, Brailsford & Co., Ltd. xxxiv
Lever, H., & Co. (Leeds), Ltd. xxxiv
Liquinure Sales xii
Loveluck Edwards & Co. ... 32

Macdonald & Son, Ltd. 8
Mandleberg, J., & Co., Ltd. viii
Mather, Wm., Ltd. ix
Matthews & Wilson, Ltd. ... 20
Maw, S., Son & Sons, Ltd. ... 11
Medico-Biological Laboratories, Ltd. xxix
Milton Antiseptic, Ltd. 1

Napp, H. R., Ltd. ... Leader Page
Neill, James, & Co. (Sheffield), Ltd. vii
Newman P. H., & Staff xxxiv

Otark Polish Co. vi

Paragon (Grief & Co.) 28
Parke, Davis & Co. .....Cover ii
Parkinson, A. R. iv
Percenta, Ltd. xi
Pharmax, Ltd. xxviii
Potter & Clarke, Ltd. 31

Rayner & Co., Ltd. xxviii
Reed Bros. (Engineering), Ltd. 15
Rendell, W. J., Ltd. 4
Riley, J., & Sons, Ltd. ii
Robinson & Sons, Ltd. x
Rooney, Robert A., & Sons...xxxii
Rozalex, Ltd. xxxii

Sale, Tilney & Co., Ltd. ... 32
Samuelson, P., & Co. ii
Sangers, Ltd. 22
Scott, A. & R., Ltd. xxxi
Scott & Turner, Ltd. 12
Seven O'clock Razor Blades ... xvi
Shadeine Co. 24
Sharp & Dohme, Ltd. 21
Sherley, A. F. & Co., Ltd. ...xxiii
Siemens Electric Lamps, Ltd. vii
Simpkin, A. L., & Co., Ltd. 26
Smith, Saville & Ptnrs. xxiv
Splendor, Ltd. 14
Stekel, Edmund xxxiv
Stemco, Ltd. xiii
Surgical Equipment Supplies, Ltd. viii

Surgical Hosiery Co., Ltd. ... vii
Suter, A. F., & Co., Ltd. ii
Sutton, W., & Co. (London), Ltd. 15

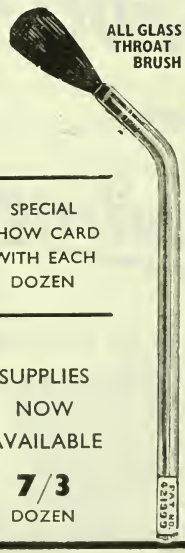
Teasdale Chlorodyne Co. 14
Teasdale & Co., Ltd. xxiv
Tell Products, Ltd. xxii
Thompson & Capper, Wholesale, Ltd. 29
Three Crowns Tablet Co. ...xxxiv
Tinpacks, Ltd. viii
Town Talk Polish Co. xiv
Townsend, J., & Sons, Ltd. ... xx

Veno Drug Co., Ltd. 7
Vines Biocrin, Ltd. 30

Wafer Razor, The, Co., Ltd. xii
Wander, A., Ltd. 9
Walverdene, Ltd. xx
Warrick Bros., Ltd. 34
Watford Chemical Co., Ltd.... 5
Webster, Isaac, & Sons, Ltd. ix
Westminster Laboratories, Ltd. 18
Whiffen & Sons, Ltd. ...Cover iii
Wiseman, J. H., & Co., Ltd. xxxiv

Zimmerman, C., & Co., Ltd. iii

THE "GLASEPTO"



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7/3 DOZEN

665

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Germoloids

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'OWN NAME' formulæ · Packed Specialities

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BRIGHTON, 7 SUSSEX

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In Eight Different Qualities

A reliable range of double-faced rubber sheeting, 36" wide, in red and white.

Prices of the eight different qualities available are from 4/4 per sq. yard to 6/9 per sq. yard for red Super sheeting.

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Plus 50% Purchase Tax
Jaconet B.P.C. 44 in. wide . . 3/- yd.

MACDONALD & SON LTD
DAWSON STREET, SALFORD, MANCHESTER 3

The Delicious, Nourishing Energising Vitamin Food for Infants Children & Adults

A Product of the Ovaltine Research Laboratories

TO the physician requiring a product which incorporates important vitamins in a form entirely pleasant and acceptable to every patient 'Vimaltol' presents special advantages.

'Vimaltol' is made from specially prepared malt extract of high protein content, yeast—one of the richest sources of vitamin B_1—and Halibut Liver Oil, an important source of vitamins A and D. It is also fortified with additional vitamins and mineral salts, and is deliciously flavoured with orange juice. 'Vimaltol' is thus an important aid in the treatment of the many abnormal conditions resulting from the deficiency of one or more of the essential vitamins in the average everyday dietary.

The routine use of 'Vimaltol' helps normal development of the growing organism and the maintenance of correct metabolism, while raising the general resistance against infection.

On the P.A.T.A.

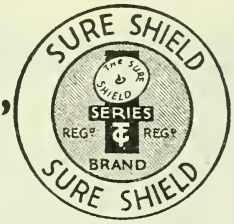
Wholesale Prices: 1 lb. Jars, 27/-, 2 lb. Jars, 49/6.
(Exempt from Purchase Tax)
Retail Prices: 1 lb. Jars, 3/-. 2 lb. Jars, 5/6.

A. WANDER LTD., *Manufacturing Chemists*
5 and 7 Albert Hall Mansions, London, S.W.7

M.344

A NAME
and a
STANDARD

"SURE SHIELD"
PRODUCTS



'SURE SHIELD'
IODISED THROAT TABLETS

'SURE SHIELD'
FRUIT LAXATIVES

'SURE SHIELD'
GLYCERINE of THYMOL PASTILLES

LOZENGES. PASTILLES. TABLETS.

IN BULK and ATTRACTIVE PACKS

DELIVERIES. The position is now much improved. Although we are producing to our full capacity we still have to take orders in rotation and are making every effort to maintain an equitable distribution of our PRODUCTS.

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

GLANOID

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POWDER

OX GALL
CONCENTRATED

BILE SALTS
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PRICES ON APPLICATION

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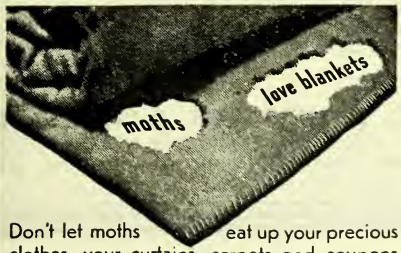
Meritor

D. D. T. ANTIMOTH



Don't let moths eat up your precious clothes, your curtains, carpets and coupons Kill them with new, bigger, stronger

meritor d.d.t. antimoth

Buy from your Chemist, Boots or Timothy Whites & Taylors Ltd

ONE OF THE NEW 1948 MERITOR D.D.T. ANTIMOTH ADVERTISEMENTS REDUCED IN SIZE

- **NEW AND INCREASED PRESS ADVERTISING**
- **NEW PACKAGING**
- **NEW SIZE & SHAPE**
- **PACKETS OF 8 RINGS**

Increased expenditure and new forceful advertising in Press and Periodicals will create more Antimoth customers for you in 1948.

Packaging also has been improved and wrappers are now in coloured transpaper printed in Gold with striking design. Shape and size are different too! Rings have smaller centre hole and there is one more ring in each packet.

ALL THESE FEATURES WILL ADD UP TO GREATLY INCREASED SALES IN 1948

MERITOR ANTIMOTH Advertising commences early in March, and will continue throughout the Spring and Summer in the National Press and Periodicals with the addition of several Women's publications.

STOCK UP NOW TO MEET THE DEMAND!

PRICES—6/- carton of dozen packets of 8 Rings. Retail 9d. pkt.
Quantity 6 doz. lots, 5/10d. carton. 1 gross lots, 5/8d. carton.

S. MAW, SON & SONS, LTD.
ALDERSGATE HOUSE, NEW BARNET, HERTS

URGENT

Empty ANDREWS cases *please*

For some time past we have experienced considerable difficulty in despatching supplies of Andrews because of the acute shortage of cases.

The position is NOW SERIOUS

and unless customers holding Andrews empty cases return them immediately a hold-up in deliveries will result. Your co-operation is requested. Postage or carriage will be credited.

HOW TO SEND

Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, c/fwd (*or state cost on label*).

ANDREWS

SCOTT & TURNER, LTD.
Andrews House, Newcastle-on-Tyne, 2
T.11.

FORMALGAR

TRADE MARK

Concentrated Gargle & Mouth Wash

This preparation contains Formalin, Glyc. Phenolis, Tinct. Pyrethri, Chloroxylenol, etc., and when diluted in the proportion of one teaspoonful in a tumbler of water forms a pleasant gargle for infectious sore throat, or an antiseptic mouth wash, especially after extractions.

In ribbed oval bottles of 2, 4 and 8 fl. ozs.
Also clear glass bottles of 20 and 90 fl. ozs.

C. J. HEWLETT & SON, LTD.
Manufacturing Chemists
35-43 CHARLOTTE ROAD, LONDON, E.C.2
Also at 48 CARSTAIRS STREET, GLASGOW, S.E.

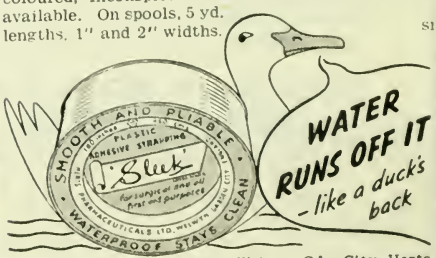
'Sleek'

TRADE MARK

PLASTIC ADHESIVE STRAPPING

'Sleek', the up-to-the-minute zinc oxide strapping, is the latest development in the surgical plaster field. Its smooth, plastic surface resists water, oil and antiseptics, and discourages dirt and stains. 'Sleek' cannot fray or catch in clothing. Flesh-coloured, inconspicuous. Plentiful supplies now available. On spools, 5 yd. lengths, 1" and 2" widths.

S1



Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Herts.

Richard Daniel & Son Ltd. Derby

MANUFACTURING CHEMISTS

Packed Pharmaceutical Series . . .

LUNG TONIC

For coughs and colds.
Pleasant to take and effective in its action.
Suitable for adults and children.

Price 7/6 per doz.
plus 33⅓% Purchase Tax

Formula :—Horehound 0.36, Coltsfoot 0.36, Linseed 0.36, Liquorice 0-36, Acetic Acid 1.00, Liq. Ext. of Squill 0.31, Chloroform 0.60, Tincture of Capsicum 0.10, Oil of Aniseed 0.11, Oil of Peppermint 0.005, Vehicul to 100.

PACKED GOODS OF REPUTE

In 3 oz. Screw capped bottles labelled in the modern style of our PACKED PHARMACEUTICAL SERIES. Your name and address printed on free of charge if desired.

RICHARD DANIEL & SON LTD., DERBY
MANUFACTURING CHEMISTS
BRANCH OFFICE AND WORKS, ASHTON-UNDER-LYNE

Tel: 4266 (3 lines)
Grams: Dania, Derby
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SPECIAL ZAC OFFER!

5% DISCOUNT FOR ASSORTMENT PARCEL

PARCEL CONTAINS :

"ZAC" DUSTING POWDER. 3 doz. Tins
"ZAC" GRIPE MIXTURE. 3 doz. Bots.
"ZAC" MAGNESIA. 3 doz. Bots.

Retail Price : 1/9 Incl. Tax. Cost Price : 12/- per doz. Plus 33⅓% P. Tax.

ONLY 15 Dozen in all!

"ZAC" Super Compound ZINC & CASTOR OIL CREAM. *doz. jars. Retail Price : 1/9 and 3/1, incl. Tax. Cost Price : 12/- and 21/6 per doz., plus 33⅓% P. Tax.*

"ZAC" SYRUP OF FIGS. *3 doz. bottles. Retail Price : 1/9 and 3/-, incl. Tax. Cost Price : 12/- and 20/6 per doz., plus 33⅓% P. Tax.*

"ZAC" CREAM & "ZAC" SYRUP OF FIGS, each being available in two sizes, the three dozen may be ordered all in one size or in a combination of both. Specify your requirements when ordering.

ALL NATIONALLY ADVERTISED

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1/9
AND
3/11
including
Purchase Tax.

The Magic Remedy with a country wide Sale!

Manufactured by
The Teasdale Chlorodyne Co., Huddersfield.

3D

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OF

"Sentinel"

ALL COTTON WOOL

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"with the soft seamless knitted covering"

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also

'KUMFEX' SOLUBLE
(all with loop ends)

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★ PROPRIETARY MEDICINES
★ DRUGS AND SUNDRIES
★ "SUTTEXA" PRODUCTS
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or Chemical Plant of any kind
REED BROTHERS (Engineering) LTD.
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'CONTENTA' GRIPE MIXTURE
***for* BABIES**
"The label sells it"
BLACKWELL HAYES & CO. LTD., *Wholesale Druggists*
54-58 MOOR STREET, BIRMINGHAM, 4

MILLAMALT
Sole Manufacturers
The VITAMIN
MALT FOOD
With Vitamins (A. 6,500 I.U., D. 400 I.U. per fl. oz.)
JEFFREYS, MILLER & CO. Ltd. Leyland Mills, WIGAN, London Dept.: 19 Brookside Rd. N

FRANCO-BRITISH ELECTRICAL CO. LTD.
For Ampoules & Vials.
FIRTH STREET GLASSWORKS
LEEDS 9

Compressed TABLET SERVICE
WHOLESALE & EXPORT
Clients' own material operated if desired. Reasonable estimates.
The DALES ASPIRIN AND TABLETING CO. Barrows Lane, STEETON, Yorks.

Introducing

THE NEW SNOWFIRE PACKS

These famous Snowfire Beauty Preparations are now presented in charmingly coloured new packs that women of all ages will want to buy and show to their friends with pride. You will find them effective eye-catchers for counter or window displays. Please let us have your orders early so that you will not have to wait.

F. W. HAMPSHIRE & CO. LTD., SUNNYDALE, DERBY.

In the treatment of bacterial diseases of domestic animals

'SULPHAMEZATHINE' has the following advantages :—

* **High antibacterial activity**
* **Low Toxicity**
* **Persistence of effect**

'SULPHAMEZATHINE' is available as
Powder in bottles of 25, 100 and 500 grammes.
Tablets (0.5 gramme) in bottles of 25, 100 and 500.
'Sulphamezathine' Sodium Solution ($33\frac{1}{3}\%$)—
Ampoules of 1 gramme in 3 c.c.—boxes of 5 and 25.
Ampoules of 3 grammes in 9 c.c —boxes of 5 and 25.

Further information on request.

IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD.
THE RIDGE, BEECHFIELD ROAD, ALDERLEY EDGE, MANCHESTER
Ph.245

MEDICAL PRODUCTS OF
MAGTRIZ
STOMACH POWDER
ANTACID — ANTIPEPTIC — ANTITOXIC
WESTMINSTER LABORATORIES LTD.
CHALCOT ROAD, REGENTS PARK, LONDON, N.W.1
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BONOMINT
LAXATIVE
CHEWING GUM
FOR CONSTIPATION
FOR ADULTS & CHILDREN
for
Rheumatic Pains
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FOR CONSTIPATION
BROOKLAX
THE BRITISH
CHOCOLATE LAXATIVE
CONTENTS 72 TABLETS
WESTMINSTER LABORATORIES LTD
CHALCOT ROAD · LONDON · N.W.1
TELEPHONE: PRImrose 3395/6/7
PATA

The Knox Policy

The policy of the Knox Laboratories Ltd., has always been one of creating product confidence by giving users an assurance of satisfaction.

Today, in the National and Provincial Newspapers, in the wide range of Periodicals and Magazines, on the Posters in Trains, Buses and on Station Platforms—in fact in all our Nation-wide advertising the substance of following guarantee of honest trading and straightforward dealing appears.

MAKE THIS TEST

To prove that Cystex may be the very medicine you need to put you on the road to better health than you have had for a long time, get Cystex from your chemist today, price 1/7. This will enable you to see how quickly Cystex gives relief and benefit to health. If difficult to obtain, write giving chemists' name and address to Knox Laboratories Ltd., 29 Duke St., St. James's, London, S.W.1.

Both Cystex and Mendaco are considered of great therapeutic value; do all that is claimed for them, and act quickly. That is why these medicines are so often recommended by one sufferer to others.

Supplies through your usual Wholesaler.

Cystex
THE KIDNEY TONIC
For KIDNEYS, BACKACHE
RHEUMATISM

Mendaco
For ASTHMA
BRONCHITIS, HAY FEVER

KNOX LABORATORIES LTD.,
29 DUKE ST., ST. JAMES'S, LONDON, S.W.I
Phone: Regent 4562

A REMINDER

CHEMISTS CF FORMULA

RETAIL PRICES

1/6 & 2/9

Including Purchase Tax

CUPAL MARGINS AND DISCOUNTS

CUPAL LTD., MANUFACTURING CHEMISTS **BLACKBURN**

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER

for INDIAN BOTANICALS, CRUDE DRUGS, FOREST PRODUCTS, GUMS, MEDICINAL PLANTS, SEEDS, SPICES, ETC. to B.P., U.S.P., B.P.C. & N.F. Standards.

Export Enquiries to:
THE INDIGENOUS MANUFACTURES & PRODUCE (Sales) CO.
160 Govindappa Naick Street, Madras
Cables: Dandelions

Mother's got an assistant

MOTHER'S COOKING MAY TASTE GOOD but there is plenty of evidence to indicate that frequently it lacks many of the accessory food factors necessary to proper development and the maintenance of health.

Of these food factors, the most important are those of the vitamin B-complex. That's where Mother's assistant the Nutritional Research Worker comes in. By means of accurately measured vitamin supplements, diets can be made adequate with respect to those factors which are essential for perfect health.

Elixir 'Virvina' provides adequate amounts of important factors of the vitamin B-complex with the glycerophosphates of essential minerals in an extremely palatable elixir, administration of which may be continued over long periods of time.

Elixir 'Virvina' is supplied in bottles of 4 oz., 16 oz., and 80 oz., retailing at 5/3, 16/6 and 73/4 respectively including Purchase Tax.

Generous Bonus Terms available. Details forwarded on request.

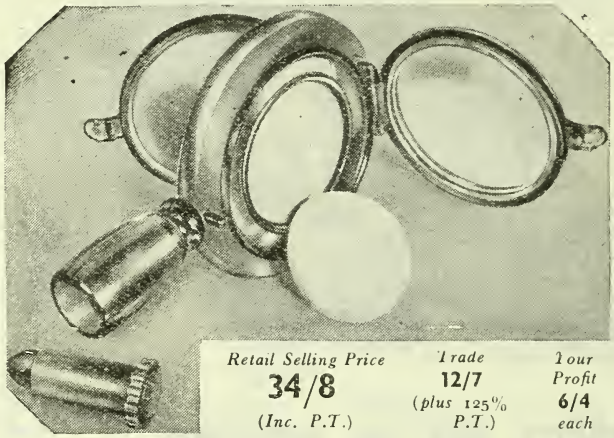
elixir 'VIRVINA'

SHARP & DOHME

SHARP & DOHME LIMITED, HODDESDON, HERTS.

Prepare NOW for the Holiday Demand . . .

Although the success of TRIO-ETTE has already been assured, the coming months will see an even greater demand for this attractive Triple Compact.



No woman wants the encumbrance of a handbag for sports or leisure and here TRIO - ETTE provides the answer, for TRIO-ETTE is more than just another compact—it is a complete cosmetic unit. It will hold lipstick, rouge and powder, and is fitted with three mirrors, rouge pad, powder puff and sifter.

TRIO-ETTE will slip easily into any pocket in blouse, blazer, shorts, slacks or suit —convenient to use while dining or on the dance floor. Stock up now for the Easter and Summer demand.

Retail Selling Price	*Trade*	*Your Profit*
34/8 (*Inc. P.T.*)	**12/7** (*plus 125% P.T.*)	**6/4** *each*

Sole Distributors to the Chemist Trade

SANGERS, LTD.,
258 Euston Road, London, N.W.1.

The Complete WHOLESALE SERVICE

The Service Wholesaler has always been the bulwark of safety for the Retail Druggist. His creed is: Buy what you want; omit what you cannot sell.

The Service Wholesaler is an economic force pitted against waste and excess stocks. His volume must come through the service which he alone can render.

No method offers a better opportunity to meet modern merchandising problems than that of buying as needed through your Service Wholesaler.

" Let us be your Warehouse "

Ferryman
OF SOUTHAMPTON

Suppliers of Proprietaries, Drugs and Galenicals, Sundries and Packed Pharmaceuticals.

HERBERT FERRYMAN, LTD.
Cobden Bridge, Southampton

Telegrams: Ferryman, Southampton. Telephones: 75641 (5 lines).

This great

FREE HAIR STYLE OFFER

will increase sales!

An individual West End hair style suggestion, free to all users of Missie Shampoo, will meet with tremendous response. It will build goodwill and stimulate sales. Give full prominence to Missie Shampoo in your window and counter display and make sure of your share in this profitable business.

Your customers will receive their free photographic hair style suggestion—simply by posting a full faced photograph with name and address on the back, plus an empty Missie packet, to :—

Missie
SHAMPOO

Baldwin Chemical Industries Limited, Waltham Cross, Herts

Getting down to fundamentals

'FOLVRON,' Folic Acid and Iron Tablets supply the haematinic fundamentals, folic acid—the maturation factor for red cells (or its immediate precursor) and ferrous iron —principal building stone of haemoglobin. It is therefore valuable in both primary and secondary anaemias, particularly those showing marked iron deficiency. Doctors are now prescribing folic acid and iron in the form of 'FOLVRON' Tablets and pharmacists are invited to order for stock.

Bottles of 30, 100, 500 & 1,000 Tablets

Folvron

BRAND OF

FOLIC ACID and IRON

'Folvite' Folic Acid, 1·7 mg.; ferrous sulphate exsiccated, 3 grains.

'Folvron' trade mark applied for

Lederle Laboratories

DIVISION

CYANAMID PRODUCTS LTD

BRETTENHAM HOUSE, LANCASTER PLACE, LONDON, W.C.2.

ENTROSALYL

Capsules

A new presentation of sodium salicylate in capsule form which obviates all the disadvantages associated with the administration of sodium salicylate in its usual form.

Each capsule contains 0.50 gm. sodium salicylate and may be taken with complete freedom from nausea or gastric irritation.

P.A.T.A. retail prices

50's	4/10½
200's	17/7½
1,000's	68/2½

CONTINENTAL LABORATORIES LTD.

101 Great Russell Street, London, W.C.1.

Here is the larger of the two packs of Dalsy Tablets which may become more popular than the neat and trim 4d. size. You will like the new 1/5 pack. A really good formula (A.P.C. with Piperine—perhaps the best of all A.P.C. combinations), a first-rate pack—a popular price and generous profit.

UNIVERSALLY ADVERTISED

Limited supplies of this handsome display carton are still available and will appeal to the Chemist who seeks to establish the 1/5 Price Standard. Order from your Wholesaler: 1 Display carton (1 dozen), 1/5. Daisy Tablets at 9/6, plus Tax. (P.A.T.A.)

J. E. ELLIS LTD., HORSFORTH, LEEDS

NIGROIDS

for the throat & voice

FERRIS & COMPANY LIMITED, BRISTOL

SHADEINE

FOR GREY HAIR

FIFTY YEARS' REPUTATION

All shades. Two sizes only at present. Retail prices 2/11 and 5/5 (including Purchase tax)

STOCKED BY ALL LEADING WHOLESALERS

ANADIN

TRADE MARK

TABLETS

THE PROFESSIONALLY RECOMMENDED ANALGESIC

'Anadin' Tablets are being intensively detailed to the Medical, Dental and Nursing Professions, for the relief of headaches, rheumatic and after extraction pains, and for aborting colds. They in their turn are recommending 'Anadin' Tablets to their patients for the relief of pain.

See that your stocks are adequate for the still increasing demand for this extremely effective analgesic. 'Anadin' Tablets can be included with other I.C.C. lines to qualify for Co-operation Discounts of 12½% on orders of £10 and over; 10% on orders of £5 and over.

	SMALL	LARGE
Retail price (*incl. purchase tax*)	1/8	3/4
Trade prices *per dozen*	12/-	24/-
purchase tax per dozen	4/-	8/-

INTERNATIONAL CHEMICAL COMPANY LTD., CHENIES STREET, LONDON, W.C.1

Supplementary Budget

PRICE INCREASES of Simpkins Products

	Retail	Wholesale
Medications	5d. per ounce	3/6 per lb. plus ½ tax =1/2
Packed Lines		
Pastilles in tins	1/8 per tin	10/9 per doz. plus ½ tax=3/7
Lozenges in tins	1/8 per tin	10/9 per doz. plus ½ tax=3/7
Liquorice & Menthol Pellets	1/1½ (skillets)	11/- per carton of 24 plus ½ tax=3/8
ditto (tins)	8½d.	9/3 per carton of 24 plus ½ tax=3/1
V.S.P.	2/- per tin	13/- per doz. plus ½ tax=4/4. 3 doz. (13 to doz.) @ 13/- per doz. plus ½ tax on 3¼ doz. =14/1 1 gross (14 to doz.) @ 13/- per doz. plus ½ tax on 14 doz.=£3/0/8
Rhumuv Capsules	3/10	24/- per doz. plus ½ tax=8/-
	7/2	45/- per doz. plus ½ tax=15/-
Medophyll Tablets	5/6	36/- per doz. plus ½ tax=12/-

Simpkins of Sheffield

Sole distributors for United Kingdom
Stanwhite Ltd., Parkhouse Wks., London, S.E.5. Rod 4416

FOR SKIN CRACKED AND ROUGHENED BY WORK OR EXPOSURE

RECOMMEND

ANAESTHETIC -ANTISEPTIC DERMAL LOTION

(NON-GREASY)

Suits women for their hands and for use under make-up.

An excellent after-shave lotion for men.

EXTRA DISCOUNTS ON 3, 6 AND 12 doz. AND A BONUS ON 12 doz.

Telephone: BYRon 1440/1800
Telegrams: Damancy Harrow

DAMANCY & CO. LTD HARROW MIDDX.
ESTABLISHED 1890

Sothis

FORMULA OF DR. HOTZ

. . . the famous Continental Biological Beauty Culture Preparation

rejuvenates the skin and eliminates wrinkles and the tell-tale marks of age within half an hour of application.

It offers an exceptionally remunerative sales line for exclusive beauty salons and high-class chemists.

Advertisements are being placed in the leading society journals. Full particulars and terms

from :

LA COMPAGNIE DES COSMETIQUES GRAND SIECLE LTD
Office & Works: 234 KILBURN LANE, LONDON, W.10
Telephone : LADbrook 1130
Laboratories: *VINEUIL pres CHANTILLY, FRANCE*

This is a black and white reproduction of one of the delightful colour illustrations of Ballet Dancers which are becoming such a distinctive feature of Atkinsons Eau de Cologne advertising.

All advertising for Atkinsons Eau de Cologne is aimed at enhancing its long-standing reputation for fine quality. At present, in addition to the notable Press Campaign featuring fashion drawings by the eminent French artist Pierre Pagès, a delightful series of colour illustrations of Ballet Dancers is appearing in the higher-class magazines. These colour illustrations effectively suggest those qualities of daintiness and fragrance which women of taste associate with Atkinsons Eau de Cologne.

ATKINSONS
GOLD MEDAL
Eau de Cologne

J. & E. ATKINSON LIMITED, 24 OLD BOND STREET, LONDON, W.1

BY APPOINTMENT
PERFUMERS TO H.M. THE KING
J. & E. ATKINSON LTD.

AET 3-1062

Paragon

NON TIP NURSERY SET

The ideal gift set for baby . . . plate and mug made of heat-resisting perspex in pleasing pastel tints, with hand-painted decorations of favourite nursery characters.

Designed for toddlers, the feeding plate remains untipable before the most playful fingered infant, and the mug has sturdy bracket handles . . . *so right for tiny hands.* Sold in sets wrapped in cellophane or separately.

Manufacturers and Sole Distributors :

Write for details of our trade terms.
Export enquiries invited

PARAGON
157-161 REGENT STREET
LONDON W.1.
PHONE REG 1054

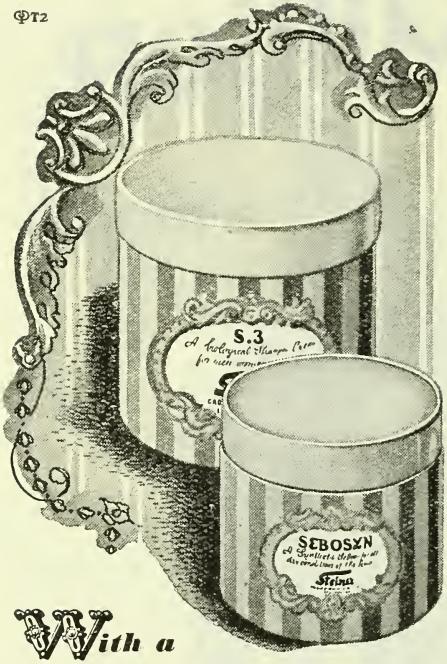
Forty Million

advertisements a month

This spring and summer your customers are being constantly reminded in the pages of the leading newspapers and women's magazines that they'll have '**No Moths With Mothaks**'. Each month more than 40,000,000 individual advertisements will send home the Mothaks sales message. Focus this selling power on to your shop—make good use of Mothaks display material. That is the way to get your share of this good business. Every bag you sell shows you a good profit—every bag brings repeat sales. Send now for your supplies and attractive display material to Thompson & Capper Wholesale Ltd., Speke Hall Road, Liverpool, 19.

it pays to push MOTHAKS

ΦT2



With a distinguished background

A background whose distinguished reputation and glamour is familiar to women thoughout the country—that of the Steiner Grosvenor Street Salons. Insurance, if any is required, of immediate sales and increased reputation to the retailer who sells these excellent hair beauty preparations. Both offer good profit margins and all-the-year-round turnover.

Retail prices including purchase tax:
S3 (shampoo for men, women and children 5/3, 9/9
Sebosyn (a hairfood and setting agent) - 11/-

Steiner

HAIR BEAUTY PREPARATIONS

Write for trade terms to:
DOBSON & STEINER LIMITED
66 GROSVENOR STREET W1 MAYFAIR 8740

POWDER PUFFS
Finest-Quality

the sign for quality products MADE IN ENGLAND

'FABULO'
The well known Metal Curlers
Both lines our own manufacture

TWEEZERS, NAIL FILES, SCISSORS (All kinds), TOOTH BRUSHES, NAIL BRUSHES, ALL KINDS OF COMBS, HAIR GRIPS and HAIR NETS, BEST QUALITY. LACQUER, REMOVER, RUBBER GLOVES, etc., etc.

Representatives required on commission basis, for various areas.

Ask for Price List
HAETAM LTD
63 CORPORATION STREET, MANCHESTER, 4

Heading for Speedier Sales!

News! Increased advertising is spreading the story of BIOCRIN—the proved Shampoo-Reconditioner. Through more magazines more women are learning about this health-and-beauty treatment.

A Large Profit Margin and Regular Clientele For You!

Retail Sizes 18/6 and 30/- per dozen (plus 50% tax) retailing at 3/3 and 5/5 each

Biocrin pomade shampoo

A product of Vine's Biocrin Ltd., London, W.2

Potter's

Catarrh Pastilles

Reminder :
Potter's Asthma Remedy
RETAIL 2/5
WHOLE-SALE 18/-
Plus tax 6/-
per doz.

Revised "Budget" Prices

P.A.T.A.

RETAIL
1/4½ each
WHOLESALE
9/- per doz.
plus tax 3/-

. . . . . are still in short supply. WE do our utmost to equalise distribution to Chemists.

YOU can help by ensuring that those whose need is greatest receive their share. Please economize.

POTTER & CLARKE LTD

60-64 Artillery Lane, LONDON, E.1.
Telephone : BIShopsgate 4761
and
77 Dantzic Street, MANCHESTER 4.
Telephone : BLAckfriars 8734

For Baby's Sake

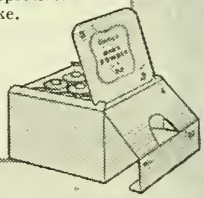
AND FOR YOURS

stock

The extra quality of CROSBY'S Antiseptic BABY POWDER is not only beneficial to Baby but is appreciated by Mother and Chemist alike.

Every dozen supplied in an attractive display carton.

SALE TILNEY (MARKETING) LTD
3, Lloyd's Avenue, London, E.C.3



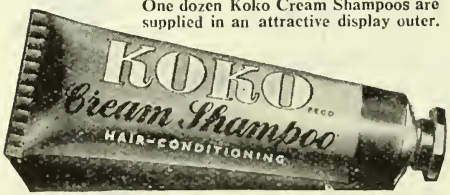
Crosby's ANTISEPTIC
BABY POWDER

A New Family Shampoo

- . . . a CREAM Shampoo in a handy tube
- . . . each tube sufficient for 5 SHAMPOOS
- . . . SOAPLESS and requires no special rinse
- . . . leaves the hair soft and glossy — HAIR CONDITIONING
- . . . LATHERS FREELY in hard and soft water
- . . . makes all types of hair EASY TO SET
- . . . no mixing, no liquid to spill, NO WASTE

Made by the long-established house of Koko-Maricopas and backed by a strong advertising campaign in selected newspapers and women's magazines.

One dozen Koko Cream Shampoos are supplied in an attractive display outer.



TRADE TERMS : Wholesaler 17/10 doz. Retailer 21/- doz. Purchase Tax 10/6 doz. Retails at 3/6 tube.
Order through your wholesaler.

Koko-Maricopas Co., Ltd., 3 Fleet Lane, London, E.C.4

New Exclusive

PLASTIC LACQUER

Superlative Quality. All shades and Pearl

Hardest Wearing — Does Not Chip
Bulk or Packed — Home or Export

Enquiries invited from Packers, Wholesalers and Retailers.

PREPARE

Your stocks of Leg Tan

NOW

for the coming season

USING AS USUAL

SELECTA LEG TAN DYE

New Super-suspensable formula in Beige, Tan, and Suntan

15 - pkt.

Labels and Bottles supplied if required

LOVELUCK EDWARDS & CO.
432/440 GARRATT LANE, LONDON, S.W.18

Advance news of 'SKETOFAX' for 1948

*TRADE MARK

NEW **displays**

NEW **Bonus scheme**

NEW

"Woman's appeal" in NATIONAL ADVERTISING

Tests confirm that Women are main buyers of 'Sketofax'. New 1948 campaign includes leading National Magazines, such as:

Woman & Home	Good Housekeeping
Woman's Journal	Homes & Gardens
Woman's Own	Modern Woman
Home Notes	Woman's Friend
Woman	Britannia & Eve

Estimated readership — 14,970,000

'SKETOFAX' CREAM, the *most effective* Insect Repellent, now carries this Bonus on every order:

ONE FREE TUBE given with every dozen (minimum Bonus order three dozen Tubes)

— plus a striking Counter Display specially appealing to Women — plus national advertising throughout the country (see details at left).

'Sketofax', which contains D.M.P., has been developed and its effectiveness proved under controlled conditions in the Wellcome Research Laboratories. Don't miss this Spring-Summer-Autumn business. Order now. 'Sketofax' Cream retails at 1/4, plus purchase tax.

BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
183-193, EUSTON ROAD, LONDON, N.W.1.

WARRICK BROS., LTD.,

INCORPORATING—MADDOCKS & CO.—R. HENDRIE & CO.

ESTABLISHED IN 1766

MAKERS OF FINE PRODUCTS

CAPSULES
LOZENGES
PASTILLES
OINTMENTS
PILE PREPARATIONS

PACKED IN A MANNER WORTHY
OF YOUR PHARMACY.

MANY PRODUCTS CAN BE SUPPLIED WITH
CUSTOMER'S OWN NAME AND ADDRESS.

SPECIAL FORMULAE, PACKINGS & LABELS,
OUR UNIQUE EXPERIENCE IS AT YOUR DISPOSAL.

4, 6, 8 & 10, NILE STREET,

LONDON. N.1.

The

CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

MARCH 20, 1948

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

Single copies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

No. 3552 Volume CXLIX

CONTENTS

A Pharmacist's Anthology ... 374
Aids to Efficiency in the Dispensary 371
Business Changes ... 362
C. & D. Dispensing Price List ... 380
Century of British Optical Glass ... 368
Chemists Federation ... 379
Coming Events ... 388
Company News ... 362
Correspondence ... 382
Deaths ... 363
Editorial Articles:—
Action Overdue ... 373
Rhei Rhizoma Elect. ... 374
Information Wanted ... 372
Inquests ... 363
Irish News ... 360
Legal Report ... 365
Local News ... 359
Medical Work of Health Ministry... 376
Miscellaneous Inquiries ... 381
News of the Week ... 357
Overseas News ... 360
P. A. T. A. ... 367
Penicillin Injection Room ... 377
Personalities ... 364
Pharmaceutical Society of Ireland... 378
Prices and Profits ... 380
Report on Examinations in Scotland 375
The Week in Parliament ... 365
Topical Reflections ... 361
Trade Marks ... 388
Trade Notes ... 366
Trade Report ... 384
Wills ... 363

NEWS OF THE WEEK

Price-freezing Orders Postponed.—Following representations made by the Federation of British Industries, the Association of British Chambers of Commerce and the National Union of Manufacturers, the President of the Board of Trade has agreed to postpone until April 26 the coming into effect of six price-freezing orders including the Miscellaneous Goods (Maximum Prices) Order, 1948 (see *C. & D.*, February 28, p. 273). (See also p. 380.)

B.P.C. Science Papers.—The general secretaries of the British Pharmaceutical Conference, which is to meet in Brighton from August 30 to September 3, invite research workers on subjects of practical pharmaceutical interest to submit the titles of papers for the conference as soon as possible. Completed manuscripts should be received not later than July 1, and authors are asked to make their papers as concise as possible, with a suggested maximum of 4,000 words.

N.H.I. Pricing Protest.—At a meeting of National Health Insurance contractors held in Portsmouth on March 8, a resolution was passed viewing "with extreme disfavour" the system of pricing scripts by averaging. The resolution went on to ask for an assurance that the reluctant acceptance of such methods by contractors would not encourage the Minister of Health to assume that pharmacists would be prepared to accept a contract under the National Health Service without drastic improvement in remuneration and terms of service.

Purchase-tax Cut Urged.—The Retail Distributive Trades Conference (employers' side) has presented a report to the Chancellor of the Exchequer, in reply to a request for suggestions for reducing prices and profits, in which members recommended a "substantial" cut (perhaps 50 per cent.) in purchase tax on goods "of wide popular consumption." Representatives of the non-food traders stated that manufacturers and distributors alone could not make any substantial impression on prices so long as purchase tax remained so high as at present. Reductions in tax rates, says the report, would force retailers to mark down prices of existing stocks, on

which higher tax had been paid, to the level of new stocks. The financial loss involved (estimated at not less than £30 millions) would be treated as the retailers' contribution towards lowering prices. Representatives of the China and Glass Retailers' Association and of the National Electrical Contractors' Trading Association were not in agreement with the report.

Institute of Export.—At the thirteenth annual meeting of the Institute of Export, held in London on March 10, Mr. Leslie Gamage was re-elected *President.*

Revised Export Targets.—The Economic Survey for 1948 (Cmd. 7344, H.M. Stationery office, price one shilling) gives the proposed target for chemicals, to be achieved in the monthly rates at the end of 1948, as 184 per cent. of 1938 volume. The value, in terms of prices forecast for that time, is given at around £8,000,000. The half-yearly volume figure during 1947, and the estimated volume required to achieve the target in 1948, are as follows: 1947, January-June, 135; July-December, 146; 1947 total, 140; 1948, January-June, 165; July-December, 173; 1948 total, 169. At the end of 1947, 336,000 persons were employed in the chemical industry and it is expected that 335,000 will remain at the end of 1948 as a result of the distribution of the industrial population.

Doctors and the Health Service.—At a Special Representative meeting of the British Medical Association held in London on March 17, the following motion, put forward by the chairman of the B.M.A. Council (Dr. H. Guy Dain), was carried unanimously:—

> That the Representative Body, reaffirming the wholehearted desire of the medical profession for a comprehensive health service available to everyone, urges that in the public interest such changes should be made in the Acts of 1946 and 1947 as are necessary to maintain the integrity of medicine and to prevent doctors being turned into State servants with harmful consequences to patient and doctor alike. The Representative Body therefore expresses the hope that the Government will make it possible for the profession to co-operate by making such changes and states its view that it is not in the best interests of the public or of medicine for members of the profession to enter the Service until such changes are made.

A resolution stating that the Association would be willing to re-open negotiations and to authorise its representatives to make concessions, provided that a whole-time salaried service was not introduced, was defeated by an overwhelming majority. A motion was passed suggesting that, in view of shortages of staff, etc., the possibility should be considered of introducing the new service by stages. In private session, it was decided to establish an "independence" fund to help finance the profession's activities during its present dispute with the Government. [The meeting had not concluded at the time of going to press.]

Chemists-Opticians' Jubilee.—A dinner to celebrate the twenty-fifth anniversary of the foundation of the Institute of Chemists-Opticians was held in London on March 10, Mr. G. Bryan Brook (president) in the chair. He outlined the history of the Institute and said that in the past two years

Mr. J. Ross-Mansell, B.Sc. (secretary, Institute of Chemists-Opticians) with Mr. F. W. Skinnard, M.P.

there had been a considerable increase in its membership and in its educational and cultural activities. Alone among optical bodies the Institute had succeeded in arriving at a friendly understanding with the ophthalmologists. Great credit for this was due to the secretary (Mr. J. Ross-Mansell) to whom, on behalf of the Council and members of the Institute, the speaker then presented a radiogram. Mr. Ross-Mansell thanked members for the gift. He hoped pharmacists and opticians would receive full recognition and adequate remuneration in the National Health Service. All employee interests were fully represented on the optical Whitley Council, but pharmacists employed in retail practice had no representation on the Whitley Council for pharmacy—an anomaly that he hoped would be rectified. Sir Robert Young, O.B.E., M.P., Mr. F. W. Skinnard, M.P., and Mr. R. Goode (vice-president of the Institute) also spoke.

LOCAL NEWS

Liverpool Film Show.—At a meeting of the Liverpool Chemists' Association on March 11, Mr. E. A. Briggs in the chair, a film show was presented by Mr. W. G. Merrick, M.P.S. (Evans Medical Supplies, Ltd.).

Wimbledon N.H.S. Resolution. — At a recent meeting of the Wimbledon Pharmacists' Association a resolution was passed deploring "the delay in negotiating the terms of service for pharmacists in the National Health Service" and declaring that the negotiations should have been carried through by the Joint Committee on a National Pharmaceutical Service.

Sheffield Women Pharmacists. — At the February meeting of the Sheffield Branch of the National Association of Women Pharmacists, Professor E. J. Wayne (pharmacology and therapeutics department, Sheffield University) spoke on recent advances in drug treatment, referring to thiouracil compounds, antihistaminc drugs, pethidine, amidone and folic acid. The lecture was followed by an informal discussion.

West Ham Dinner.—The annual dinner and dance of West Ham Association of Pharmacists was held at Ilford on March 11, Mr. J. Reed (president) in the chair. The guests included Mr. J. F. McNeal (a member of the Society's Council) who responded to "The Pharmaceutical Society" which had been proposed by Mr. G. P. Bowen (vice-president of the Association). "The West Ham Association" was proposed by Mr. W. J. Beardsley (a former member of the Society's Council), the president of the Association responding. Mr. William Potter proposed "The Ladies," Miss A. J. P. McBride responding. An appeal for the Society's Benevolent Fund, made by Mr. M. Blumenthal (chairman, West Ham Branch, National Pharmaceutical Union), resulted in a collection of more than £14.

North Staffs Dance.—The annual social evening of the North Staffs Branch of the Pharmaceutical Society, held at Hanley on February 27, took the form of a buffet dance, food restrictions having made the usual dinner impossible. The guests, who included the president of the Society (Mrs. J. K. Irvine, M.B.E.) and the vice-president (Mr. H. C. Shaw), were welcomed by Mr. T. G. Lawley (branch president), who paid a tribute to the work done by the branch secretary (Mr. R. A. Hackney). "The Society" was proposed by Dr. J. M. Johnstone (secretary of the local division of the British Medical Association) who referred to the close co-operation that existed between doctor and chemist in the evolution of new drugs. Mrs. Irvine, responding, said she hoped the co-operation would continue to the mutual benefit of the two professions. A morning set was presented to Mrs. Irvine by Mrs. Lawley as a souvenir of her visit to the Potteries, and a replica of the branch president's badge of office was handed to Mr. H. E. Denby (immediate past-president).

***C. & D.* Editor's Talk.**—At a meeting of the Western Pharmacists' Association held in London on March 10, Mr. O. F. C. Bromfield (Editor, THE CHEMIST AND DRUGGIST) spoke on "The Production of a Modern Weekly Trade Newspaper." After reviewing the sources from which news and articles were obtained, how they were dealt with, and the procedure at the printers' on press day, he said: "The modern trade and technical journal aims at providing its readers with a concise and accurate service of news and information on all matters relating to their business. Editorial matter must always be presented attractively, with illustrations whenever practicable and appropriate. To provide a full service to its readers the control of a trade and technical newspaper should be entirely independent, with complete editorial freedom, and with no dictation from outside interests. It must strive to be impartial and to provide an open forum for the free expression of divergent opinions. It should not enter the political field but should be free to praise or criticise departmental decisions. On such a policy, based on the four cornerstones of integrity, authority, accuracy and independence, THE CHEMIST AND DRUGGIST has, during the past ninety years, sought to serve all sections of pharmacy and the drug trade."

Mr. Brocklehurst in Huddersfield.—Speaking at a meeting of Huddersfield Branch of the Pharmaceutical Society recently, Mr. E. A. Brocklehurst (a member of the Society's Council) described the progress of negotiations for chemists' terms under the National Health Service and the data which had been collected to support the chemists' case. To demand too high a fee might, he thought, cause the Minister to look elsewhere for a dispensing service. Referring to the Council's education policy, Mr. Brocklehurst said he had been one of the "crazy gang" which had op-

posed the original scheme. The amended scheme, introducing a two-year final course but leaving the introduction of a three-year course for future discussion, was more reasonable. Lack of entrants to pharmacy was a source of worry: in 1947 there had been a net increase of only four names on the register. Asked whether holders of the Chemist and Druggist qualification would automatically become Ph.C.s after 1951, he replied that such a change would mean altering the Society's Charter. The idea of "technicians," he told another questioner, was Mr. Linstead's own and had no official backing. Mr. Malcolm Peel suggested that Mr. Linstead should submit drafts of his speeches to the Council beforehand. A vote of thanks to the speaker was proposed by Mr. G. Greenwood.

OVERSEAS NEWS

Belgian Chemical Exhibition. — The first Belgian exhibition of pure and applied chemistry is to be held at Charleroi, September 4-20. One day is to be devoted to conferences on pharmaceutical chemistry.

Mesons Produced in Laboratory.— Workers at the University of California, Berkeley, U.S.A., have isolated meson particles by the use of a powerful cyclotron. One of the workers, Dr. Lattes, worked previously for two years in Bristol, England, studying techniques for observing cosmic rays.

Decline in U.S. Retail Sales. — Retail sales in the U.S. of perfumes and cosmetics and toilet preparations other than soaps, declined by 2.6 per cent. in 1947, the first year-to-year drop for ten years. Sales were valued at $682 millions, against $699 millions in 1946 and $659 millions in 1945. Smaller sales of the lower price category products reflecting the higher cost-of-living accounted for the greater part of the decline.

Herb Doctors Seek Recognition.— Headed by "President-General" Lawrence S. Khontsiwe, the "African National Herb Doctors' Association of South Africa" has made a move to gain official status for medicine men on the lines of the South African Medical Council, i.e., as a recognised union that will stop "amateurs" from breaking into the esoteric business of "root therapy." A deputation led by Khontsiwe met the Johannesburg Native Commissioner recently, and said they would have a copy of their constitution ready to submit to him in the near future. The commissioner has asked for full particulars of the "doctors" on the committee, together with information about the activities of the medicine men, how they arrive at diagnoses and what medicines are prescribed. An officially recognised body of herb therapists would at once represent a threat, writes a correspondent, to the black market in elephant heart, locust legs, mamba bones and rhino fat, at present in short supply. The market among Africans for herbs is considerable, one African herbalist in Durban claiming that his daily turnover is in the region of £200.

IRISH NEWS

Northern Ireland Statutory Committee. —At an inquiry held in Belfast on March 5 by the Statutory Committee under the Medicines, Pharmacy and Poisons Act (Northern Ireland), 1945, Jack Daly & Co., Ltd., 60 Mill Street, Newry, co. Down, were disqualified for two years from being authorised sellers of poisons. The inquiry followed a prosecution at Newry Petty Sessions on July 16, 1947, at which the company was fined 40s. and costs for unlawfully using the description "Chemists and Pharmaceutical Chemists"; 40s. and costs for carrying on business in poisons without a qualified superintendent, and £10 and costs for carrying on a business as a pharmaceutical chemist at premises not under the personal control of a superintendent or manager or assistant who was a registered pharmaceutical chemist. Mr. M. B. Davison, LL.B., for the Pharmaceutical Society of Northern Ireland, said the company, incorporated under the Companies Act on May 23, 1946, to carry on business as chemists, druggists, etc., with Mr. John Joseph Daly and Mrs. Teresa Daly as directors, was in due course issued with a licence, Miss Anna McCune, Ph.C., being notified as superintendent. To comply with the Act it was necessary for Miss McCune to be a director. At later dates the names of Messrs. Joseph O'Hanlon, Ph.C., and John J. Daly, Ph.C. (not the director), were given as superintendents. Neither was reported to the Registrar under the Companies Act as having been appointed a director, and the pharmacy inspector proceeded to make inquiries, which resulted in the prosecution being brought. Announcing the Committee's decision, Mr. W. F. Patton, K.C., said it was rather an impudent offence continuing for a period of nearly two years. Disqualification was the least penalty that could be imposed.

TOPICAL REFLECTIONS

National Health Service Queries

The space allotted to National Health Service questions in last week's issue is full of interest, and you have earned our thanks for this make-up. The subject matter of the reports indicated and of the editorial article on p. 341 falls into two groups, one relating to proprietors of pharmacies, the other relating to their employees. Proprietors' queries have been dealt with by Mr. Mallinson (p. 338), Mr. Linstead (p. 348), and correspondents (p. 350). With the passing of the weeks leading to "zero hour," these queries become more urgent. Mr. Mallinson was able to set some doubts at rest by stating the position regarding surveys of (1) pharmaceutical practice in England and Scotland and (2) the cost of dispensing. We may take it that the Contractors' Committee of the National Pharmaceutical Union will conduct its negotiations with the Ministry of Health armed with a sufficient array of facts. Mr. R. S. Whitelaw's fear of the fading out of "retail pharmacy as we know it" will not, I think, be widely shared. Health centres will undoubtedly be set up. Whether they will conform to any general plan I do not know; but in any case they constitute an experiment which will have to be cautiously proceeded with if serious waste of public funds is to be avoided. While this experiment is being launched, chemists' shops will have their doors open in every town (and in a few villages): a marked change in shopping habits is unlikely.

Employees in the N.H.S.

N.H.S. dispensing by unqualified persons under the supervision of registered pharmacists is an issue that will need firm handling. As Mr. Linstead pointed out, many doctors' dispensers are likely to become available to pharmacy. The question will then arise as to the possession of an Apothecaries' Hall certificate by them. It cannot be assumed that every such applicant for employment in dispensing will already be furnished with one, though we may hope that most of them will. Obviously it will be better for pharmacists to have help from people who have done some dispensing, of whatever type it may have been, than from people who have done none. I agree with the suggestion that a register of such technicians (if that is to be their title) should be set up. By what body this register should be prepared and kept is a separate question. In his judgment in the well-known test case in 1920, Mr. Justice Peterson held that there was no valid objection to the provision and maintenance by the Pharmaceutical Society of an employment register and a register of unsatisfactory employees. Though there may be a distinction between an employment register and a register of "dispensing technicians," the former phrase seems to me to include the latter. It may, of course, be argued that the National Pharmaceutical Union, as the negotiating body (through a committee) for panel chemists, should prepare and keep the proposed register. Delegate conferences of the Union and of the Society may wish to consider this point.

Many Resolutions

The Council of the Pharmaceutical Society has acted generously in accepting so many resolutions (p. 344) for discussion at the Branch Representatives' meeting to be held on May 20. However ingeniously they are worded, several of these motions are old war-horses—or should it be hobby-horses? This is so evident that I need not give an example. The chief interest of these paragraphs, as I read them, lies in those dealing with future meetings of the same kind. From Westmorland comes the suggestion that "all" these gatherings should be held "in a convenient centre of the country like Manchester." By this is meant, presumably, that less time would be consumed and less expense incurred if a large city or town approximately half-way between the north and south boundaries of Great Britain were chosen as the venue. I see no reason why London should invariably be the place for these deliberations; but it must be remembered that the annual meeting of the Society cannot, in present circumstances, take place elsewhere, and that the British Pharmaceutical Conference city or town provides a second centre at another time of year. Taking a long view of the question, time and expense should level out in the great majority of cases. This resolution is closely related to the one from West Glamorgan asking that representatives' "reasonable expenses" for attendance at these conferences should be paid by the Society. In these days of high fares and increased hotel charges there is much to be said for the request: the next point is, "What are reasonable expenses?" Some limit for them would have to be laid down.

Xrayser

COMPANY NEWS

Oxyda, Ltd. (P.C.).—Capital £1,000. To carry on the business of dealers in chemicals, drugs, medicines, etc. Mohamed Yunas, director. R.O.: 49 Cannon Street, London, E.C.4.

Hortex Products, Ltd. (P.C.).—Capital £100. To carry on the business of chemical manufacturers, etc. Leonard E. Ward and Coleman Jacobs, directors. R.O.: Westbourne Street, High Wycombe.

Regency Chemicals, Ltd. (P.C.).—Capital £100. To carry on the business of chemists, etc. First directors are to be appointed. R.O.: 462 Fulham Road, London, S.W.6.

A. E. Leach (Chemists), Ltd. (P.C.).—Capital £500. To carry on the business of chemists, etc. Albert E. Leach, M.P.S., and Hilda Leach, directors. R.O.: 118 Roding Road, Loughton.

H. Reynolds, Chemist, Ltd. (P.C.).—Capital £2,000. Harry Reynolds, M.P.S., and William D. Troup, M.P.S., directors. R.O.: 41 Beach Road, Littlehampton.

Martin & Holloway, Ltd. (P.C.).—Capital £1,000. To carry on the business of chemists, etc. Thomas H. Martin, M.P.S., Sidney O. Holloway and Ethel Martin, directors. R.O.: 136 High Street, Smethwick.

Hankinsons (Ilford), Ltd. (P.C.).—Capital £200. To carry on the business of manufacturing and dispensing chemists, etc. Mary A. Prangnell and John R. Prangnell, directors. R.O.: 223 Ilford Lane, Ilford.

Corex Chemicals Co., Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturers of chemical products, etc. Harry May and Othmar Ziegler, directors. R.O. 34 Henrietta Street, Covent Garden, London, W.C.2.

C. Draper & Co., Ltd. (P.C.).—Capital £2,000. To carry on the business of manufacturers of perfumes, cosmetics, etc. Anthony C. Draper and Georgina M. Draper, directors. R.O.: 157 Fleet Road, Fleet.

Forsters (Pharmaceuticals), Ltd. (P.C.).—Capital £100. To carry on the business of chemists and druggists, etc. Albert Forster and Olive Forster, directors. R.O.: 29 Church Street, Seaham, co. Durham.

G. Humphreys, Ltd. (P.C.).—Capital £5,000. To acquire the business of a pharmacist and druggist carried on at 50 High Street, Northwich, Ches. Gwendolen Humphreys, M.P.S., and Kenneth Bolton, M.P.S., directors.

Beetham & Clark (Painswick), Ltd. (P.C.).—Capital £5,000. To acquire the business of chemists carried on by W. H. Hampton, Ltd., at New Street, Painswick, Glos. Joseph L. Goulder, M.P.S., and Daniel Horne, directors.

Peter Ferguson, Ltd. (P.C.).—Registered in Edinburgh March 1. Capital £1,000. To carry on the business of wholesale and retail chemists, etc. William Anderson, M.P.S., and Peter Ferguson, directors. R.O.: 1272 Argyle Street, Glasgow.

Jamieson Chemists (Edmonton), Ltd. (P.C.).—Capital £5,000. To carry on the business of retail dealers in chemicals, drugs, medicines, etc. Robert A. Peck, Edgar C. D. Jamieson and Robert G. Eacott, M.P.S., directors. R.O.: 54 Bounces Road, London, N.9.

Lobelline, Ltd. (P.C.).—Capital £100. To carry on the business of wholesale and manufacturing chemists and manufacturers of a product, Lobelline. George I. Rushton, M.P.S., Arthur Wilson, M.P.S., and Sydney B. Mason, directors. R.O.: Lakeside Works, Rawdon, Leeds.

Harold Mitchell & Co., Ltd. (P.C.).—Registered in Belfast. Capital £10,000. To acquire the business of a wholesale chemist now carried on as "Harold Mitchell & Co." Harold Mitchell, John Hobbs, Nellie W. Hobbs and Lelia E. Mitchell, directors. R.O.: 321 Grosvenor Road, Belfast.

William Edge & Sons (Ireland), Ltd. (P.C.).—Registered in Dublin. Capital £2,000. To carry on the business of manufacturers of disinfectants and antiseptics, etc. Arthur M. Johnson, Ridge House, Ballybrack, co. Dublin, Harold C. Johnson and Knowles Edge, directors.

Glaxo Laboratories, Ltd.—The board have decided to end the financial period of the company and its subsidiaries on June 30.

Cussons, Sons & Co., Ltd.—Net profit for the period to December 31, 1947, amounts to £86,958, against £29,666. A final dividend is recommended of 45 per cent., making 80 per cent. for the period. The company was made public in July 1947.

BUSINESS CHANGES

Boots, Ltd., have acquired the pharmacy at 9 Church Street, Ormskirk, Lancs, formerly carried on by Mr. W. B. Woods, M.P.S.

Charles Stanton & Co., Ltd., have transferred their Wanstead office to 1 Snaresbrook Drive, Stanmore, Middlesex (Telephone: Edgware 7504).

Ward, Blenkinsop & Co., Ltd., have appointed Dominick A. Dolan & Co., 58 Bolton Street, Dublin, as their sole agents in Eire from April 1.

Mr. T. McGurk, L.P.S.N.I., Cromac Square, Belfast, has opened a new branch pharmacy at 116 Newtownards Road, Belfast.

A. de St. Dalmas & Co., Ltd., Leicester, state that their representative for London north of the Thames (Mr. R. E. Labon) now has the following telephone number: Mountview 5126.

Mr. H. Savage, M.P.S. (formerly a director of J. Savage & Co., Ltd., chemists, Bradford) has opened a pharmacy at 3 Middle Road Parade, Shoreham-on-Sea, Sussex.

Mr. James McBeath, M.P.S., has acquired the pharmacy at The Square, Cullen, Banffs, from Mr. George W. Findlay, who has retired after thirty-six years as proprietor of the business.

Adelaide Grey, Ltd., announce that their West End representative, Mr. A. H. Morris, has been temporarily transferred for health reasons to the South Coast area. In the meantime Mr. Bryce Wilson is taking over the West End area.

DEATHS

AITKEN.—Suddenly, at 34 Farmaloan Road, Rutherglen, on March 6, Mr. Thomas Millar Aitken, M.P.S. Mr. Aitken qualified in 1928.

BEEHAM.—On February 23, Mr. Reginald Sanders Beeham, M.P.S., 2 Dalmeny Road, Margate. Mr. Beeham qualified in 1903.

FOSTER.—On February 12, Mr. Ernest Upsall Foster, M.P.S., 14 Tewkesbury Avenue, St. Anne's Road, Blackpool, aged seventy-four. Mr. Foster was for over twenty years manager for Boots, Ltd., Halifax.

KIRKNESS.—At Forington House, Pegwell Avenue, Ramsgate, on February 29, Mr. Robert Kirkness, formerly of Bank Street, Ashford, Kent (Walker & Kirkness), aged eighty-three. Mr. Kirkness qualified as a chemist and druggist in 1886.

MILLNER.—On March 8, at 12 Muncaster Road, Clapham Common, London, S.W.11, after a serious illness, Mr. Alfred H. Millner, aged seventy. Mr. Millner was well-known to London chemists as West London representative of S. Maw, Son & Sons, Ltd., New Barnet, Herts, for nearly thirty years. The funeral took place at Streatham Park Crematorium on March 13.

MONAGHAN.—On March 3, Mrs. Jessie Donaldson Monaghan, widow of the late Mr. John E. Monaghan, M.P.S., 295 Balham High Road, London, S.W.12.

MORTON.—At a Glasgow hospital on March 5, Mr. Allan Morton, M.P.S., J.P., whose address in the register is 1279 London Road, Glasgow, S.E. Mr. Morton qualified in 1908.

NEALE.—At Dulwich Hospital, on February 27, Mr. Denys William Neale, 19 Lanercost Road, Lambeth, formerly of 4 The Promenade, Mill Hill, London, N.W.7, aged seventy-four. Mr. Neale qualified as a chemist and druggist in 1897.

PARKIN.—On March 1, Mr. Robert Nevins Parkin, M.P.S., 1 North Road, Ambleside, aged fifty-five. He was formerly manager of Boots, Ltd., Ambleside.

PHILLIPS.—On March 1, after a short illness, Mr. Henry Marcus Phillips, M.P.S., 37 Highland Road, Bromley, Kent, aged seventy-two. At a memorial service held at Christ Church, Bromley, on March 5, the West Kent Branch of the Pharmaceutical Society was represented by Messrs. J. E. B. Cuthbert, C. W. E. Holden, W. W. Pring and W. E. Stewart.

WILLS

MR. J. A. JOHNSTONE, M.P.S., 17 St. Mary's Street, Wallingford, Berks, a director of Reynolds & Johnstone, Ltd., chemists, Wallingford, left £8,993, with net personalty £6,806.

MR. CLAUDE FELCE HOWARD, Foxburrows, Great Warley, Brentwood, Essex, vice-chairman of Howards & Sons, Ltd., chemical manufacturers, Ilford, left £109,198, with net personalty £105,930.

MR. BERTRAM INGHAM BOOR, 30 Stamford Road, Manchester, for many years sundries buyer for D. Mawdsley & Co., Manchester, left £1,443, with net personalty £1,267.

MR. ALEXANDER GUNN, M.P.S., 12 Sandlands Road, Walton-on-the Hill, Surrey, formerly on the editorial staff of the "Pharmaceutical Journal," left £2,292, with net personalty £2,237.

MR. STEPHEN MIALL, LL.D., B.Sc., 28 Clifton Hill, London, N.W.8, editor of "A New Dictionary of Chemistry," left £3,584, with net personalty £2,718.

MR. R. W. STEVENSON, The Grange, Kingswood, Surrey, chairman of Stevenson & Howell, Ltd., essence manufacturers, left £29,578, with net personalty £26,956.

MR. A. GOW, M.P.S., 1 Bedford Road, Harrow, Middlesex, formerly manager of the dispensing department of John Bell & Croyden, 50 Wigmore Street, London, W.1, left £2,205, with net personalty £2,133.

INQUESTS

Benzene Explosion. — At a resumed inquest in London recently on three employees of A. Boake, Roberts & Co., Ltd., who were killed in an explosion at the company's works (see *C. & D.*, 1947.II. 494), the plant manager stated that benzene vapour was escaping from three absorbers, but the point of ignition was questionable. Every precaution had been taken. Verdicts of death by misadventure were returned.

Doctor Advocates Aspirin Control.—At an inquest at Ealing, Middlesex, recently, on a woman who had died after taking an overdose of aspirin, Dr. P. M. Ploye (medical officer of the West Middlesex Hospital) expressed concern at the number of cases of aspirin poisoning that were being received at the hospital. He said that it seemed unwise to allow the public to buy unlimited quantities of a drug which was apparently innocuous but turned out to be "very dangerous indeed." The Coroner replied that, although there were a number of household remedies that were dangerous if taken to excess, he did not know whether the authorities would be able to do anything. A verdict of "Accidental death" was recorded.

PERSONALITIES

Mr. A. Scragg, M.P.S., Swadlincote, Derbys, gave an address on "My Job" to the local Rotary Club recently.

Mr. F. G. Moore, M.P.S. (managing director of Herts Pharmaceuticals, Ltd.) is leaving Britain shortly for a business tour of Canada, U.S.A. and the West Indies.

Mr. D. L. Kirkpatrick (formerly secretary of the Pharmaceutical Society of Northern Ireland) is ill at his home at Shandon Park, Belfast.

Mr. H. B. Lomas, M.P.S. (manager of Burroughs Wellcome & Co. (Middle East), Cairo), has been accepted as a member of the Pharmaceutical Society of Egypt.

Mr. W. W. R. Eastland, M.P.S., Haywards Heath, Sussex, gave an address to the local Townswomen's Guild recently on the history of medicine.

Mr. H. N. Linstead, O.B.E., M.P., (secretary of the Pharmaceutical Society) was the question master at a Parliamentary brains trust held at a youth conference in London on March 16. Part of the programme was broadcast.

Mr. Richard E. Adlard, a director of Evans, Adlard & Co., Ltd. (filter paper manufacturers, Winchcombe, Glos), took part in a B.B.C. Midland Regional programme, "A Roving Microphone at Large —Winchcombe," on March 12.

Mr. Vernon S. Porter (sales director of S. Maw, Son & Sons, Ltd., Barnet, Herts) was presented, at a ceremony in London recently, with a gold cigarette case on behalf of the representatives of the company to mark his having completed twenty-five years' service with the company.

Professors E. C. Dodds (director of the Courtauld Institute of Biochemistry, Middlesex Hospital, London), and J. W. Cook (Regius professor of chemistry, University of Glasgow), were delegates of the Royal Society to a chemistry congress at Santiago, Chile, March 1-7.

Mr. G. H. Armitage was nominated as a candidate in the forthcoming elections to the Council of the Pharmaceutical Society but has refused to allow his name to go forward. In a letter to the deputy secretary of the Society he states: "The attitude displayed recently towards retail employee pharmacists by the Council convinces me that the remedy for adjusting grievances is to be found outside their province."

Lord Brabazon of Tara has been elected president of the Royal Institution.

Captain Sir Weldon Dalrymple-Champneys, Bart., M.A., D.M., B.Ch., D.P.H., F.R.C.P. (deputy chief medical officer of the Ministry of Health since 1940), who was the speaker at the Pharmaceutical Society's evening meeting on March 11 (see p. 376), has had a distinguished record of public work in the medical and veterinary fields, and many contacts with pharmacy. Among numerous other posts held he was chairman of the Vegetable Drugs Committee, Ministry of Supply, 1941-44. He is the present chairman of the Pharmaceutical Liaison Committee (of the Ministry of Health with the Pharmaceutical Society and National Pharmaceutical Union), and the sponsor of the quarterly Ministry of Health Bulletins to Pharmacists. Since 1927 he has been responsible for all inspections under the Therapeutic Substances Act. Sir Weldon is a Fellow and president of the section of epidemiology and State medicine of the Royal Society of Medicine, a trustee and Council member of the Veterinary Educational Trust and a Council member of the Royal Veterinary College. He served as honorary physician to King George VI, 1941-44. After joining the Ministry in 1927 he had experience in all the duties of its medical staff and in pursuit of his tasks visited many parts of the world. In 1935 he made a collection of live snakes (mostly poisonous) in Brazil and, with the late Dr. Burgess Barnett (then curator of reptiles at the Zoological Society's gardens) carried out researches on snake venom and its therapeutic uses. In 1936 he brought back from South Africa for research purposes the first "Knoppie" (button) poisonous spiders to be brought alive to this country. Sir Weldon, who was formerly a house physician at Brompton Hospital, London, and the London Chest Hospital, is the author of a number of Ministry reports including "Bovine Tuberculosis in Man." He speaks four foreign languages.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

In the House of Commons on March 10 Mr. Ernest Jay (Economic Secretary to the Treasury) told Mr. D. W. T. Bruce that capital issues consented to by the Treasury from June 1946 to February 1948 for companies dealing in chemicals, drugs and dyes amounted to £24,765,000, and for food manufacturers, £6,363,000.

Merchandise Marks

Mr. Skeffington-Lodge asked the President of the Board of Trade on March 11 what action his department had taken to ensure that the provisions of the Merchandise Marks Acts were complied with by traders and others responsible for the insertion of advertisements in the Press.

Mr. Harold Wilson: Action is constantly being taken by publicity, explanation, advice and warning to ensure compliance with the requirements by traders and others. Where the public interest is involved, the Board of Trade is empowered to prosecute, and has done so on many occasions, but it is open to any person to initiate proceedings.

Production Census Complaints

The Census of Production, and the complaints of manufacturers, were raised in a question by Mr. Ralph Assheton, who asked the President of the Board of Trade on March 11 if he had any statement to make about the complaints. Mr. Harold Wilson replied that most firms had completed and returned, without complaint, their 1946 partial Census of Production schedules. "Only a very small minority have, in spite of reminders, failed to send in their returns, and in some cases have made comments on the length of the schedules. The questions are necessarily more numerous in schedules which cover many sections of a trade, but only a proportion need be answered by any one firm. I am satisfied that the work involved in completing the schedules is more than justified by the value of the information elicited."

Paper for Wrapping

Mr. P. Daines asked on March 11 what measures the President of the Board of Trade was taking to secure economy in the use of paper for wrapping in the shops, in view of the shortage of paper for export packing and other important purposes. Mr. Wilson said he regretted that it had been necessary to reduce considerably the allocations of paper for general wrapping purposes in the home market. He would be reluctant to reintroduce the war-time prohibition on the use of paper for retail wrapping, and had decided instead to rely on the common sense and public spirit of everyone concerned. He appealed to shopkeepers to use as little paper as possible and to the public to accept the inconvenience.

LEGAL REPORT

M.P's. Appeal Allowed.—The Court of Criminal Appeal has allowed the appeal and quashed the conviction of Mr. David Weitzman, M.P., who had been convicted at the Central Criminal Court with Mr. Adrian Weitzman, Mr. Joseph West, Mr. Ellis Philip White, and Mr. Alfred Stafford Northcott, on a charge of conspiring to contravene orders for the control and limitation of manufacture and supply of toilet preparations (see *C. & D.*, 1947.II. 562). The Court reserved judgment in the case of the other four appellants on legal questions raised regarding the form of the indictment, and will give judgment later. The Lord Chief Justice thought it right to deal at once with the case of Mr. David Weitzman because it had been obvious all through that the case against him depended on entirely individual considerations. It was different from start to finish, and was recognised to be so by the prosecution. The Court desired to say that there was no case against Mr. David Weitzman and there never had been, which meant that the conviction against him would be quashed. The Court had looked in vain to discover that Mr. David Weitzman had been a party to any such conspiracy. He was the eldest brother of a family of brothers and, on the uncontradicted evidence, it appeared that he had been a very good brother. He had financed them in their business, but had no control or concern in the business of his brothers. There came a time when the indebtedness to him amounted to £7,600, and he took a debenture in the company which gave him a first charge on its assets. The company got into serious difficulties and a liquidator was appointed. Thereupon Mr. David Weitzman, as he was entitled to do as a debenture-holder, put in a receiver. He took no more interest in the running of the company after the receiver was appointed than he had before.

TRADE NOTES

Bonus Terms. — Particulars of bonus terms available to pharmacists ordering mentholated throat lozenges from Parke, Davis & Co., 50 Beak Street, London, W.1, may be obtained from the manufacturers.

Brilliantine for Women.—Pinaud, Ltd., 128 Atkins Road, London, S.W.12, have introduced a new brilliantine especially for women. The preparation is available in four shades: blue, green, rose and golden, in specially designed bottles.

High-vacuum Equipment.—W. Edwards & Co. (London), Ltd., Kangley Bridge Road, London, S.E.26, have issued a descriptive booklet on the rotary and diffusion pumps and other equipment of which they are the manufacturers.

Proprietary Show Material.—A limited number of showcards for Eade's rheumatic and gout pills and for Eade's universal anodyne are available from the manufacturers, Eade's Pills, Ltd., 232 Goswell Road, London, E.C.1.

Baby Gift Set.—Paragon, 157 Regent Street, London, W.1, are the manufacturers and sole distributors of a nursery set consisting of a non-tippable feeding plate and bracket-handled mug in heat-resisting pastel-tinted plastic, hand-painted with nursery-rhyme illustrations.

16-mm. Films. — A series of 100 ft. x 16-mm. silent safety films for home entertainment is available under the title Clapa Minifilms from Clapham Park Film Studios, Ltd. (16-mm. department), 201 Clapham Park Road, London, S.W.4. Chemists are invited to write for trade terms.

Trade Terms. — D.D.D. Co., Ltd., 3 Fleet Lane, Ludgate Circus, London, E.C.4, state that an error occurred in the trade terms for D.D.D. prescription quoted in the company's announcement in the *C. & D.*, February 28. The correct price of the preparation is 11s. 3d. doz.

Continental Fairs. — At the thirty-second Swiss Industries Fair, to be held at Basle, April 10-20, a complete hall is to be devoted to the chemical industry; many new processes and products of the Swiss chemical and dyestuffs industry will be shown.—The Paris Trade Fair, May 1-17, will this year occupy more than 100 acres of ground, with eighty main sections.

Antiseptic Baby Powder.—Crosby's antiseptic baby powder, which is claimed to possess "an unusual degree of fineness of texture," incorporates an antiseptic ingredient. It is issued in attractive pink containers. Trade inquiries should be addressed to the distributors, Sale, Tilney & Co., Ltd., 3 Lloyds Avenue, London, E.C.3.

Distribution Change.—J. C. Eno, Ltd., Watford, Herts, announce that they will take over on April 1 the sole distribution in the United Kingdom and Northern Ireland of Yeast-Vite tablets and other products now marketed by Irving's Yeast-Vite, Ltd. The proprietaries thereafter distributed by Messrs. Eno (with combined order facilities) will include Eno's Fruit Salt, Dinneford's fluid magnesia, Serocalcin, Yeast-Vite, Iron Jelloids, Cicfa, Holloway's pills and ointment, New-Skin and Thermogene products.

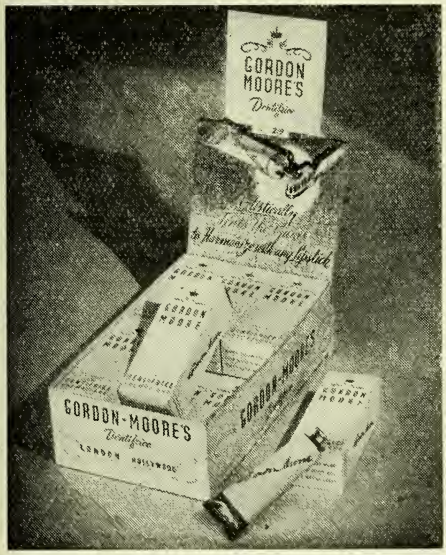
Advertised to Doctors. — Menovo, described as "the rational therapy for spastic dysmenorrhœa," and as "an entirely new approach to the symptomatic and antispasmodic therapy for menstrual pains," is being introduced to the medical profession by direct mail and Press announcements. A national campaign has also been arranged in the daily press, provincial newspapers and women's magazines. The preparation is manufactured by Clinical Products, Ltd., Richmond, Surrey, and distributed by S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts.

Guide to Photographic Exposures.—The Tabloid photographic exposure guide, a companion volume to the Wellcome photographic year-book, measures only $4\frac{1}{8}$ in. x $2\frac{3}{4}$ in., yet contains within its thirty-two pages "all the data to which the photographer may wish to refer when selecting and arranging his subject, or deciding upon diaphragm and shutter setting." It deals in detail with the arrangement of the sitter and lighting in portraiture, and the selection of viewpoints in landscape work. The Wellcome exposure calculator is reproduced in miniature. Supplies may be obtained from the publishers, Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1.

Photographic Events. — A talk, "The Wonderland of Photography," was given in London on March 9 by Mr. C. L. Clark (Kodak, Ltd.). He showed how pictures are transmitted by wireless, how photomicrography reveals the intricate patterns of minute crystals, etc.—An exhibition of

mountain pictures by Lieutenant-Colonel Frank S. Smythe opened at the Kodak Gallery, 184 Regent Street, London, W.1, on March 9; it closes on March 25. Shown at the exhibition are photographs of mountain subjects in Britain, the Alps, the Himalayas and the Rockies. Most of the exposures were made on Panatomic or Panatomic X film, and the enlargements are on Kodak Snow-white fine-grain Royal bromide paper.

Display Outers. — Orders for Gordon-Moore dentifrice cosmetique received by the manufacturers, Gordon-Moore, 31 Sin-



clair Road, Kensington, London, W.14, are now being filled in ready-packed display outers as illustrated. Showcards and descriptive booklets about "the crimson paste which tints the gums" are available.

Holiday Closings. — The offices, warehouses and works of RICHARD DANIEL & SONS, LTD., Derby and Ashton-under-Lyne, will be closed from the evening of March 25 until the morning of March 30.—GLAXO LABORATORIES, LTD., Greenford, will close from 5.30 p.m. on March 25 until Tuesday morning, March 30. A skeleton staff will be available on Saturday morning for emergency orders.—MENLEY & JAMES, LTD., 123 Coldharbour Lane, Camberwell, S.E.5, will be closed from Thursday evening March 25 until Tuesday morning March 30.—H. R. NAPP, LTD., 3 Clements Inn, London, W.C.2, will be closed from 5 p.m. on March 25 until 8.30 a.m. on March 30 (emergency orders to John Bell & Croyden, 50 Wigmore Street, W.1, or R. Woolby Brooke, 38 Gloucester Road, S.W.7).—The order department of PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, will be closed from 1 p.m. on March 25 until 9 a.m. on March 30 (urgent orders to John Bell & Croyden).—SHARP & DOHME, LTD., Hoddesdon, Herts, will be closed from Thursday evening, March 25, until Tuesday morning, March 30 (urgent orders to John Bell & Croyden, or to Wm. Martindale, Bruton Place, W.1, on Saturday morning, March 27).

Proprietary Articles Trade Association

Additions to Protected List (Part 1). — *Gynoclinical Laboratories, Ltd.*, M 28, for menstrual pains, 22s. 6d doz., tax 33⅓ per cent., inclusive retail price 3s. 6d.

Westminster Laboratories, Ltd., Magtriz tablets, carton of twelve, 4s. doz., tax 33⅓ per cent., i.r.p. 7½d.; carton of thirty-six, 10s. doz., tax 33⅓ per cent., i.r.p. 1s. 6d.; Ki-uma ointment, 15s. doz., tax 33⅓ per cent., i.r.p. 2s. 1d.; Kipak vapour rub, 12s. doz., tax 33⅓ per cent., i.r.p. 1s. 10d.

Alterations (Part 1).—*Allen & Hanburys, Ltd.*, Byno hæmoglobin, 10-oz., 42s. doz., tax 33⅓ per cent., i.r.p. 5s 9d.; 40-oz., 119s. doz., tax 33⅓ per cent., i.r.p. 16s. 4d.; Chrismol, 6-oz., 15s. 3d. doz., tax 33⅓ per cent., i.r.p. 2s. 1d.; 10-oz., 22s. doz., tax 33⅓ per cent., i.r.p. 3s. 0½d.; Lysantol, 8-oz., 18s. 6d. doz., tax 33⅓ per cent., i.r.p. 2s. 9d.; 1-gall., 186s. doz., tax 33⅓ per cent., i.r.p. 25s. 2d. Torch brand pastilles, 2-oz. tin, 7s. 8d. doz., tax 33⅓ per cent., i.r.p. 1s. 2½d.

Evans Medical Supplies, Ltd., Heprona, 6-oz., 50s. doz., tax 33⅓ per cent., i.r.p. 7s. 5d.

Moore Medicinal Products, Ltd., Correction. Extra-rapid Codasphen tablets (new formula), tube of fifteen, 13s. doz., tax 33⅓ per cent., i.r.p. 2s.

Potter & Clarke, Ltd., Potter's stramonium cigarettes, 12s. doz., tax 33⅓ per cent., i.r.p. 1s. 10d.; Carter's vegetable cough-remover, 7s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s 4d.; Buchanan's skin-clear ointment, 8s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s. 4½d.; Bush tea, 8s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s. 4½d.; Kasbah kidney remedy, 8s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s. 4½d.; Tyro-lol germicidal antiseptic, 4-oz., 7s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s. 1½d.; 16-oz., 20s. doz., tax 33⅓ per cent., i.r.p. 3s. 3½d.; Hedakene, twelve powders, 13s. 6d. doz., tax 33⅓ per cent., i.r.p. 1s. 10d.; thirty powders, 30s. doz., tax 33⅓ per cent., i.r.p. 4s.; loose, 10s. gross, tax 33⅓ per cent., i.r.p. 2½d.

Yorkshire Pharmaceutical Industries, Ltd., Teddy Bear nit lotion, 6s. 9d doz., tax 33⅓ per cent., i.r.p. 1s. 1d.

Additions (Part 2).—*Parke, Davis & Co.*, Euthymol tooth-powder, tin, 10s. doz., tax 50 per cent., i.r.p. 1s. 8d.

Henry Tetlow Co., Swandown soapless shampoo, 2-oz. bottle, 10s. doz, tax 50 per cent., i.r.p. 1s. 8d.

CENTURY OF BRITISH OPTICAL GLASS

OPTICAL glass — "durable, more, homogeneous than any other manufactured material, highly transparent and with the ability to maintain a surface accurate to a few wavelengths"—has been made in England since 1848. In that year Georges Bontemps, a leader among glass technologists in France, left that country for England owing to political events in his country, and entered into an agreement to carry out the manufacture of optical glass for Chance Bros. & Co., Ltd., Smethwick, Birmingham. It was not the company's first contact with Bontemps, nor its first interest in optical glass, for in 1837 Lucas Chance underwent a course of instruction in manufacturing technique under Bontemps, and in 1838 he took out an English patent for a process devised originally by the Swiss technologist Guinand, Bontemps' own mentor of ten years earlier.

Recipe for Homogeneity

Guinand had pioneered experiments to produce a glass of the same composition throughout its mass—an obvious basic requirement in optical glass. He found that the lack of homogeneity could be overcome by a stirring apparatus within the crucible of molten glass, by means of which the sand, potash and lead oxide of which it was composed could be thoroughly intermingled.

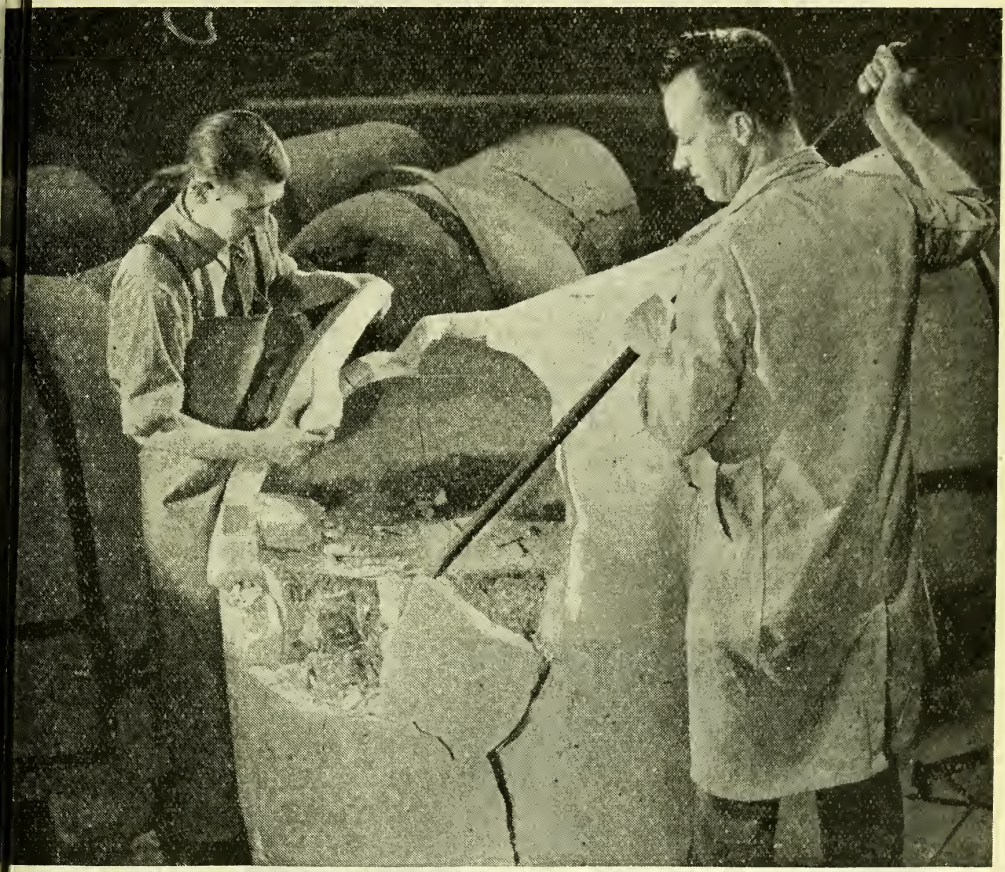
For various reasons the company's patent of 1838 had little practical outcome until Bontemps arrived at Smethwick. In June 1848, under his direction, a new plant was set up at Spon Lane. The standard glasses required in those days, "hard crown" and "dense flint" for telescopes, and "soft crown" and "light flint" for camera lenses, were soon available, and in April 1849 Bontemps reported orders from London opticians to the value of £250. He was "happy to mention their unanimous approbation of the glass they received." At the Great Exhibition of 1851 the company had a notable display of optical glass, including a 9 in. achromatic lens worked by W. Simms and a 29 in. disc of flint glass, 2¼ in. thick and weighing some 200 lb., for which a Council medal was awarded. This disc was shown again at Paris in 1855 in company with one of equal size of crown glass. Gross profits of the department from 1851 to 1865 averaged some £1,800 a year, and reached a maximum of £3,395 in 1864. Thereafter there was a decline, profits averaging about £1,000 a year until the effect of German competition became apparent in the early 'nineties, as shown by reduced rates of profit in 1891 and 1892, and an actual loss in 1893. In the microscope field, until the advent of Abbe's lenses from Jena, Germany, in 1886, English microscope objectives were the best made.

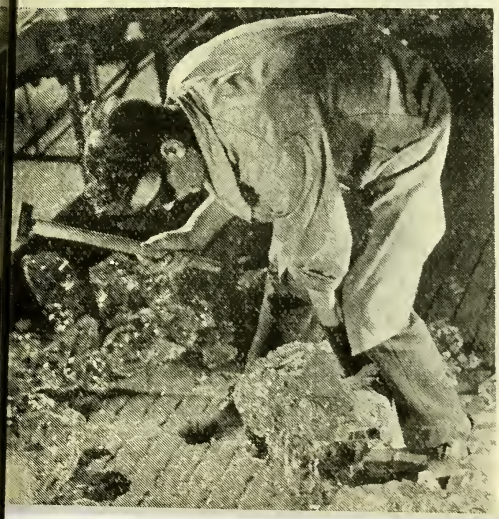
A furnace-man examines a sample of molten optical glass

Delayed Research in Britain

In England, however, no research activity such as that which was so successfully applied in Germany developed until much later. The Optical Society was not formed until 1889, no organised research was carried out until the establishment of the British Scientific Instrument Research Association in 1918, and no university made provision for training in technical optics until in 1917 the Imperial College, South Kensington, set up a Department of Optical Engineering. No demands are recorded to have been made on Messrs. Chance for new types of optical glass, and the transition from an art to a science was left to others to accomplish. Despite the fact that losses began to be incurred it was decided not to abandon the manufacture of optical glass, and in 1895 a beginning was made on experimental work with a view to providing some of the Jena glasses. Research work proved costly, the results for the year 1904 were pronounced disastrous, and the request was made "to make no more experimental meltings, except in the laboratory." In 1909 Samuel Lamb became manager, and his advent resulted in progress. By 1914 it was possible to list some twenty types, new plant was installed, including electric annealing kilns and mechanical stirring of the glass.

The outbreak of war in 1914 caused an enormous demand for field glasses, cameras,





Above: Opening a " pot " of optical glass. At left: Cracking up into lumps of suitable size and shape. Below: Weighing prior to moulding.

gun sights and other military instruments, and for the first three years of the war the supply of optical glass lagged seriously behind demand. New furnaces and other equipment were put in hand at an early date, and the output of optical glass rose from 2,600 lb. for the first half of 1914 to 92,000 lb. for the first half of 1918. The research laboratory came into full operation in June 1917, under the direction of F. E. Lamplough. Many improvements in testing glasses and in the rapid measurement of indices were developed, as well as improvements in the details of process techniques. However, on the return of peace, activity fell off catastrophically, and stocks of glass accumulated during the war had to be written down substantially, causing heavy financial loss. Sales touched a post-war low of 3,500 lb. in 1922, and the British optical instrument industry was only saved from complete collapse by the imposition of the Key Industries Duty in 1921. Prices were then reduced and research work was continued with a view to improving the quality of the product, and particularly to meet the demand for new types of optical glass required by the British photographic lens manufacturers. In 1924 a research project into the technique of stirring led to a recognition of the importance of maintaining the lowest possible glass viscosity during the stirring process, which in turn resulted in a substantial increase in the yield of usable glass. Production techniques were improved, and at the Optical Convention in 1926 the company's catalogue gave particulars of over 100 types of glass. Samples exhibited showed exceptional freedom from colour and bubbles. In 1932 the company acquired the Parsons Optical Glass Co., Derby.

A Joint Enterprise

In 1935 it was announced that the Government had decided to increase the output of Service instruments by two-and-a-half times. More instruments meant more glass, and the directors decided to proceed with a scheme for expanding the optical department.

On the outbreak of war in 1939, a scheme for a "shadow factory," which had been under discussion with the Admiralty some months previously, was put into effect. This involved taking over certain buildings in Pilkington Bros.' sheet-glass works at St. Helens, and the erection of a new building. A new company (Umbroc) was set up to operate the plant. Output of glass at Smethwick and at St. Helens increased by leaps and bounds, and throughout the war the rate of production was in excess of the rate of consumption by the instrument firms.

Examination of moulded lens blanks

Prospects

It may be claimed that the British optical instrument industry is in a far better position, both technically, financially and competitively, to capture and retain a larger share of world markets, than ever before.

AIDS TO EFFICIENCY IN THE DISPENSARY

AT the commencement of the new National Health Service in July the increase in dispensing is likely to place heavy demands on existing manpower in pharmacy. The importance of time- and labour-saving devices therefore needs little emphasis. In the present and forthcoming issues will be put forward a series of ideas and suggestions that have been adopted by various pharmacists in order to increase their efficiency.

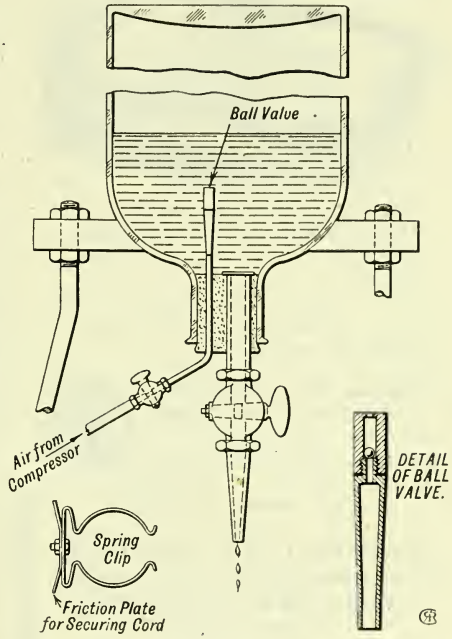
A Winchester Adapter

A BOTTLE-FILLER suitable for the small-scale packing of specialities and galenicals from original Winchester bottles was described and demonstrated at a recent meeting of the Norwich Branch of the Pharmaceutical Society by Mr. Guy Robinson (chairman). The apparatus is claimed to eliminate waste, and be rapidly and easily used. It is easy to clean (all parts are of glass or chromium-plated metal), and may be used for viscous liquids and oily or aqueous suspensions.

Contents Kept Agitated

A 40-oz., 80-oz. or 160-oz. container is inverted before use in a stand 18 in. high. The neck of the container is fitted with a rubber bung bored with two holes. Round the neck of the container is passed a steel clip (see diagram); the loop of a cord is passed over the two free ends of the clip, stretched tightly over the bung, and fastened on the other side in a simple friction hold-fast. The bung is thus held securely in position. Through one of the holes passes an air inlet consisting of $\frac{1}{8}$ in. copper tubing fitted at the outer end with a small brass tap and at the inner end with a small phosphor-bronze ball-valve to prevent any return flow of liquid. Through the second hole passes a short length of $\frac{1}{2}$ in. copper tubing, its inner end flush with the bung and its outer end fitted with a brass tap and tapering tube to enable containers of any size upwards from $\frac{1}{2}$ oz. to be filled.

In operation, the flow of liquid from the outlet tube causes air to be drawn through the inlet, and the rising air bubbles cause a considerable circulation of the liquid in the container. Even suspensions such as calamine lotion are kept constantly agitated. The container may be drained to the last drop. For viscous fluids, a low-pressure air supply is led to the air inlet tube. A rubber bulb may be used but, more conveniently, a fairly continuous supply of compressed air may be obtained by connecting a motor car foot pump to a 4-gall. oil drum fitted with a Schrader valve and a suitable outlet tap. The apparatus is so contrived that it can be



Compressed air passing through the inlet tube serves to increase the rate of flow and to keep the contents of the Winchester constantly agitated.

broken down, for easy cleaning, into small units. The straight tubes may be cleaned with a bottle brush and the slightly bent air-way with a pipe cleaner. The ball valve unit can also be dismantled for cleaning after use with viscous liquids (e.g. tragacanth hair creams) which, if allowed to dry, might clog the valve.

Exports to Dollar Countries.—In a new edition of a booklet "Prospects for United Kingdom Exports in Canada and the U.S.A.", the Export Promotion Department of the Board of Trade has reprinted a series of articles that appeared in the "Board of Trade Journal" in 1946-47 dealing with market conditions in those countries. The booklet is published by H.M. Stationery Office, Kingsway, London, W.C.2, price sixpence.

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VOL. CXLIX MARCH 20, 1948 No. 3552

Action Overdue

THE secretary of the National Pharmaceutical Union explained at Ilford on March 2 (*C. & D.*, March 13, p. 338) the procedure that is to be adopted for ensuring that terms of remuneration negotiated with the Ministry of Health for dispensing services under the National Health Service have the agreement and backing of the contractors.

First, the terms are to be "fully explored" with the Ministry of Health. Secondly, they are to be communicated to Pharmaceutical Committees. Finally, after there has been time to study them, a conference of representatives of N.P.U. branches and Pharmaceutical Committees will be called formally to ratify or reject the terms proposed. Such a scheme takes time to carry through, and pharmacists generally are becoming a little restive; they want to know how far the "explorations" have progressed. If the outcome is not made known months in advance of July 5, so little time will be available for consideration and discussion that contractors may get stampeded into rash acceptance or equally precipitate rejection.

What has been holding up a pronouncement on the subject? According to Mr. Mallinson, two things. There is first the survey of dispensing costs carried out for the Joint Committee. Yet it is known that the "Roskill report," as it is called, has been in the hands of the Committee for some little time. A few chance hints that have, in fact, been let out by speakers "in the know" have proved far more unfortunate than would have been the publication of the full report or of a statement upon it. This it is believed the N.P.U. resolutely refuses to allow.

The second factor causing delay is the report of the Working Party set up to examine the relative economic conditions affecting pharmacy North and South of the border. Quite understandably the Scottish pharmacists have demurred in advance at any possible surrender of their present favourable rates of remuneration, but it is unfortunate that their insistence should have been the cause of all-round delay. In the event, it may probably be found that conditions are not so different in the two countries that widely divergent rates need be perpetuated. Even when that question is settled, however, it does not take the matter beyond basic principles. What chemists everywhere are demanding is detailed and concrete information. Not until they have this in their hands will they be able to decide (a) whether to enter or remain outside the Service and (b) whether they will be justified in laying out capital on alterations to premises to meet the expected increase in prescriptions. It is all very well for Mr. Linstead to describe what he would do in preparation for "the day," for some contributors to our correspondence columns to be "shocked" that dispensaries are not being enlarged, and for Mr. Mallinson to describe as "disheartening" the fact that some pharmacists are unenthusiastic about the prospects. Some may not have the capital for structural alterations and must wait for information in order to secure such credit as may be necessary. Even those who could afford to go ahead today are entitled to know whether, if they do so, they will get a reasonable return on their money.

What scraps of "comfort" chemists have been accorded so far by their leaders have not been entirely reassuring. Mr. Mallinson points to the decision to discontinue bottle deposits and to the recently negotiated 30 per cent. oncost on ingredient costs as evidence of the Ministry's goodwill towards pharmacists. Both are good in their way, so long as the contract for dispensing remains a minor part of the business, and a part, moreover, that brings customers into the shop for other goods.

When National dispensing becomes the mainstay of the business, however, pharmacists may be in a bad way unless remuneration is on an altogether higher level. Mr. Mallinson declares that there is no suggestion that present N.H.I. rates will be continued. Almost in the same breath he speaks of N.H.S. as being "a valuable second string to the chemist's bow." Second string? What chemists fear is that the quiverful of arrows they have handled in the past will be replaced by a single bolt. Once that were shot, what then?

At another meeting (*C. & D.*, March 13, p. 327) Mr. W. J. Tristram (a member of the N.P.U. Executive and of the Society's Council) advised N.P.U. members to send in appropriate complaints and resolutions to headquarters. If information is not very speedily forthcoming from the Contractors' Committee (which has the negotiations in hand), the letter-box at Queen Square is likely to become choked with communications from members who have taken his advice quite literally.

Rhei Rhizoma Elect.

PHARMACOGNOSISTS are not yet agreed on which of the two dozen or so species of the genus *Rheum,* or their numerous hybrids, is the source of Shensi rhubarb. Pharmacists, on the other hand, were in pre-war years unanimous in their preference for the Shensi rather than the Canton (common or rough-round) variety, whilst "high-dried" was used only when the other varieties were not available. During the war years and subsequently, the rhubarb that was imported into the United Kingdom was all of the Canton and high-dried kinds, and often, until recently, also of poor quality. The reason for the continued absence of the "northern" rhubarb, grown in Kukunor (Tibet) and the neighbouring Chinese province of Kansu, and bought by the merchants of Shensi, has been the communal strife that still divides China. Trading junks are few in number on the main waterways of the Han-kiang and the Yang-tse rivers which convey goods to the port of Shanghai. Two weeks ago it was reported in this journal (p. 320) that Shensi rhubarb was again available on the London market: an assorted parcel of rounds and flats, seven cases in all (rather less than one ton) had arrived from Shanghai. The material is sound, has a good yellow coat, and a pink and characteristically "nutmeggy" fracture, and it was expected that the long unsatisfied demand for high-quality rhubarb would quickly clear the small consignment that came in. That, however, has not happened. Reasons for the lack of interest are a little hard to find. Has a generation grown up in the drug trade which, so long accustomed to the second-grade article, is no longer able to recognise the superior quality of Shensi? Or—what is more likely—has the market for a rhubarb in cut pieces disappeared? Because of its more uniform shape and fracture, Shensi rhubarb was preferred for the preparation of the small trimmed pieces that formerly had a ready sale in the industrial areas, and particularly the mining districts, of the north of England. In colliery areas the miners bought it for chewing. For the production of powdered rhubarb the Canton variety, which is relatively cheaper, is regarded as adequate.

A PHARMACIST'S ANTHOLOGY

IT sometimes appears, on looking back, that my mother must have spent some of the best years of her life in rubbing father's chest with turpentine and hot olive oil. . . . He had a passion for physic, and poured into his inside such a quantity and variety of it with no ill effects that at last we became convinced that he had the strongest constitution of us all. Father would take one kind of physic for his chest, another for his rheumatism, a third for his kidneys, and a fourth for his bowels. He would frequently take two different kinds at the same time for the same complaint. Sometimes he took a physic that promised to cure a complaint that he had never had at all. He believed in being on the safe side; it was a form of insurance—he might have had it! Once, so my mother told us with faint surprise, he drank some of one of the babies' dill-water. Despite this rigorous dosing, Father remained one of the healthiest men we knew. When he did become ill, at the age of sixty-five, it was from diabetes, a disease he and the doctor and all of us had completely overlooked.

From "The Man in Our Lives," by John Guthrie.

REPORT ON EXAMINATIONS IN SCOTLAND

THE report by the Privy Council Visitor on the examinations held in Scotland in 1947 by the Scottish board of examiners of the Pharmaceutical Society of Great Britain records that 432 candidates appeared for the whole Intermediate examination, of whom 49.6 per cent. passed and 18.7 per cent. were referred in one subject. In the Chemist and Druggist examination of 308 candidates 52.3 per cent. passed and 19.5 per cent. were referred in one subject. Forty-one candidates sat for the Pharmaceutical Chemist examination, of whom 56.1 per cent. passed and 31.7 per cent. of the candidates were referred in one subject.

Low Percentage of Passes

Among the remarks of the Visitor (Professor D. M. Dunlop, B.A., M.D.), are the following. The pass list throughout the examinations comprises only about 50 per cent. of candidates—an unusually low percentage for pass as opposed to honours examinations. The large number of failures is not due to the fact that the examinations are in any way conducted on a competitive as opposed to a pass basis. Nor do I consider that the standard demanded in any of the examinations is unduly high. The standard required for a pass in the Intermediate and final parts of the Chemist and Druggist examination seems to me to be perfectly adequate but not excessive.

The standard required for the Pharmaceutical Chemist examination is considerably higher, but hardly a sufficient qualification for those intending to adopt pharmacy as a scientific profession, such as hospital dispensers, pharmacists to pharmaceutical firms and principals of large pharmacies, for whom a high qualification such as a Fellowship of the Pharmaceutical Society or an honours University degree should be instituted. I believe the continuously high percentage of failures in all parts of the examinations can only be ascribed to a variety of causes, for example:—

(1) The examinations are external and not internal examinations. Failures are always greater when the students are being tested in strange surroundings, and by examiners with whose idiosyncracies and predilections they are unfamiliar.

(2) The examinations are entirely written and practical and there is no oral examination. On the whole, oral examinations are helpful rather than the reverse to candidates. Few entrants are rejected by an oral examination if they have done well otherwise, but many at an oral examination redeem an indifferent previous performance. There is no doubt that five or ten minutes spent in questioning a candidate orally is often the most effective way of coming to a reliable conclusion as to his or her ability. In borderline cases it might be wise to consider a short oral test.

(3) The students may not, on the average, be of the highest calibre. It may be that young men and women who have done very well at school may feel that medicine or pure science offer them a wider scope and fuller prospects than pharmacy. The calligraphy and English in many of the papers suggests a defect in the primary education of the writers.

(4) The teaching in some of the schools of pharmacy may not be of the highest standard. I was led to believe that candidates had sometimes been taught in a drab and lifeless way to memorise, rather than being stimulated to understand and correlate. It is apparent that certain schools are much more successful than others.

Prescriptions in English

It is unfortunate that pharmaceutical students should have to spend time in learning how to write and interpret Latin prescriptions, since only a proportion of them have ever studied Latin at school. The slight advantages claimed for Latin prescription writing are immeasurably outweighed by its disadvantages, and it is high time prescriptions were written in English. Lastly, it is unfortunate that young pharmacists should have to pass a special examination in the deciphering of prescriptions written by members of a learned profession.

While a knowledge of plant anatomy may be of some slight importance for a candidate's future studies in pharmacognosy, a combined broad course in the biology of living things would be of much more fundamental and stimulating educational value than the learning of details of the morphology of fruits, stems, leaves and dogfish. It is surprising that pharmacology has practically no place in the syllabus of study or in the examination for the Pharmaceutical Chemist.

MEDICAL WORK OF THE MINISTRY OF HEALTH

The Deputy Chief Medical Officer describes, at an Evening Meeting of the Pharmaceutical Society, the work of the department's medical staff

SIR WELDON DALRYMPLE-CHAMPNEYS (Deputy Chief Medical Officer, Ministry of Health) was the speaker at an Evening Meeting of the Pharmaceutical Society in London on March 11, Mrs. J. K. Irvine (president) in the chair. The speaker said his object was to outline the work for which the Ministry existed and which was either unaffected by the new Health Service or would be merely outwardly modified by the new mould into which it was poured. The multitudinous tasks with which the Ministry's medical officers were daily confronted included:—

EPIDEMIOLOGY.—A watchful eye had to be kept on the precautions for preventing the importation of infections from abroad. Only constant vigilance accounted for the country's complete freedom from diseases such as plague, cholera, typhus, rabies and trachoma, and its comparative freedom from smallpox and typhoid fever. In indigenous infections it was the Ministry's job to provide information, analyse facts and draw deductions to help the local authorities in planning their action.

MATERNITY AND CHILD WELFARE.—The branch was a good example of devolution. Many of the activities of the Welfare Authorities were permissive. Under the National Health Service Act many of the duties would be obligatory and the work of the medical officers in the section would consist more and more in giving advice to the welfare authorities.

FOOD AND NUTRITION.—Problems created by rationing were not the least difficult with which the department had to grapple. Some food responsibilities were being transferred to the Ministries of Food and Agriculture, but the Ministry of Health could not dissociate itself from those problems. One of the most important and difficult tasks was assessment of the state of nutrition of the population and the influence upon it of changes in diet. The small staff of the section kept under constant review questions such as priority classes for certain foods, fortification of certain articles of diet such as bread and margarine, the effects of cooking on food values, education of the people in good methods of cooking, protection of milk and milk products from infection, use of preservatives in food, and the contamination of foods by poisons of bacterial or metallic nature.

THERAPEUTICS.—An increasing proportion of the speaker's time was occupied, he said, with questions connected with the manufacture and application of new antibiotics and chemicals, involving consultation with the Ministry of Supply on priorities for materials and with the Board of Trade on exports; there was also the question of control of production under the Therapeutic Substances Act, if appropriate, and perhaps under the Penicillin Act, clinical trials to be arranged through the Medical Research Council, questions of publicity to be settled, and so on.

INTERNATIONAL HEALTH.—At present a principal medical officer was almost entirely entirely occupied in attending conferences.

MEDICAL INTELLIGENCE. — The section gave information to the medical side of the Ministry and had been increasingly used by other Government Departments. Publicity was the special province of the Public Relations Division, a non-medical part of the Ministry, but most of the publicity sent out was based on medical advice.

ENVIRONMENTAL HYGIENE.—From being the *fons et origo* of the Ministry's predecessor (the Local Government Board) the subject had rather faded into the background in recent years, partly because of the outstanding success with which its problems have been tackled. The pace at which industry and mechanical amenities of life were developing had brought its peculiar perils. Water supplies were in constant danger from increased trade effluents, and from the rapidly increasing demand for water.

MEDICAL SUPPLIES.—Always to some extent a responsibility of the department, both for the National Health Insurance service, the arrangements for *x*-ray needs and medical supplies under the Directorate of Medical Supplies, Ministry of Supply, had been absorbed into the Ministry of Health.

Relations with Pharmacy

The speaker enlarged upon the relations of his Department with the profession of pharmacy. He was glad to think that the Pharmaceutical Liaison and Drug Requirements Advisory Committees had brought the Ministry into closer and more friendly contact with the craft. The Ministry's new Chief Pharmacist was gradually building

up a staff at the Ministry to grapple with the increasing and varied pharmaceutical work for which he was responsible.

Mr. Victor Reed, in the discussion, gave treatments of contagious abortion in cattle that had been in vogue in his youth, including burning the offspring and, as a preventive measure, keeping a goat among the herd of cattle.

Mr. A. Innes asked whether any treatment had proved of value in treating contagious abortion in cattle, and the reply was that, apart from vaccinating with S19 as a precautionary practice, the speaker knew of little that could be effectively done.

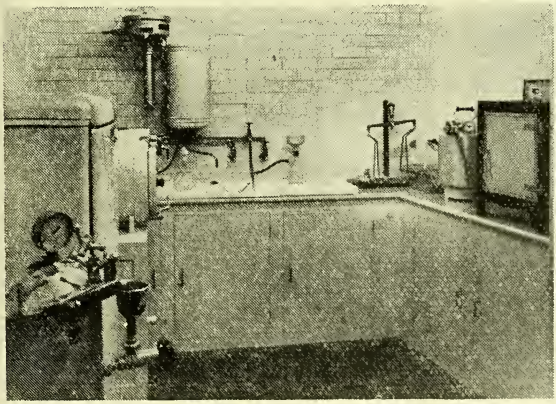
Sir Weldon reassured another questioner that no evidence had been found to support the suggestion that the use of aluminium vessels in cooking was deleterious to health.

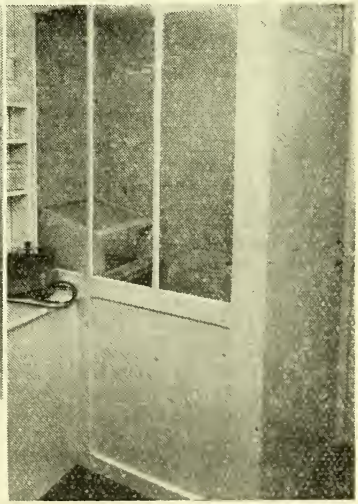
Special diets ordered by medical practitioners were the subject of another question. The speaker pointed out that the subject was dealt with, not by officials of the Ministry, but by a special committee of the Medical Research Council.

Miss Dalton quoted instances of patients with infectious diseases leaving hospitals before they had been pronounced free from infection. The speaker said that local authorities had compulsory powers to prevent patients from doing so, but so far as he knew no prosecution had ever been brought.

A PENICILLIN INJECTION ROOM

The pharmacy department of the Dewsbury Pioneers' Industrial Society, Ltd., 41 Northgate, Dewsbury, Yorks, has recently been granted a licence to dispense sterile injections of penicillin under the Therapeutic Substances Act, and the sterile chamber and its equipment are illustrated. The chamber is finished in tiled brick, with a terrazzo floor, oil-polished. The fittings are coated with a special gloss enamel, with ceiling finished in the same way. Lighting is by fluorescent lamps designed to light up the sterile room itself from outside, through a glass partition, and the only fittings within the chamber are a bench and "screen" for the preparation of injections. Access to the inner room cannot be obtained until the outer door is closed, and the air supply is by suction through filters (designed to clear the air completely in three minutes and to provide a positive pressure within the room, thus preventing access of extraneous dust, etc.). The department was designed by the superintendent chemist, Mr. B. Pollard, M.P.S., and is under his supervision, with Mr. F. Kilburn, B.Pharm., Ph.C., as assistant. Any pharmacist may take advantage of the facilities of the department to have penicillin injections prepared. Application should be made to Mr. Pollard at the address given at the commencement of this paragraph.





STERILE CHAMBER FOR PENICILLIN INJECTIONS. Finished in tiled brick, with oil-polished floor, and white-enamelled fittings, the chamber is equipped with autoclaves, refrigerator, still, water heater, hot-air oven, and screen. The outer door must be closed before it becomes possible to open the inner door.

PHARMACEUTICAL SOCIETY OF IRELAND

Mr. P. A. Brady (president) was in the chair at the March meeting of the Council of the Pharmaceutical Society of Ireland held in Dublin on March 9. Also present were Messrs. T. C. Scott (vice-president), J. Gleeson (treasurer), G. C. O'Neill, H. P. Corrigan, P. Fullam, M. Power, R. Daly, C. J. Cremen, J. K. Whelehan, P. Brooke-Kelly, M. Costello, F. X. Meagher, T. B. O'Sullivan, J. A. O'Rourke and P. C. Cahill. Apologies for absence were received from Messrs. F. Loughman and J. P. Kissane.

The President suggested that the Council should send its congratulations to the new Taoiseach (Mr. John A. Costello, S.C.) on his election as head of the Government. Mr. Costello, he said, had been associated with the Society for many years as its senior counsel. The Council unanimously agreed.

Appeal for Leper Colony

The Council then considered a letter from Mr. M. Murphy, M.P.S., 58 Amersham Close, Davyhulme, Urmston, Lancs (master of the Manchester Branch, Catholic Pharmaceutical Guild) describing the activities of his branch. Re-established for only a year since its lapse during the war years, said the letter, the branch, consisting of some twenty members, had adopted the St. Francis Leper Colony in Uganda and had promised to send to the Reverend Mother in charge a regular supply of drugs and dressings. A first consignment, consisting of sulphathiazole, sulphaguanidine, sulphamezathine, penicillin, cod-liver oil, mepacrine and surgical dressings, had already been sent, but compared with the requirements of the Leper Colony the amount had been pitifully small. Without further financial assistance, the next consignment might have to be smaller still. Mr. Murphy appealed to pharmacists in Eire for help in the work. [Donations may be forwarded to Mr. Murphy or to Mr. T. Byrne, M.P.S. (treasurer, Manchester Branch, Catholic Pharmaceutical Guild), 52 Russell Road, Salford, 6, Lancs.] The President and Mr. Meagher pointed out that the Medical Guild associated with the Pharmacy Branch of the St. Joseph's Young Priests' Society was engaged in similar work to that outlined by Mr. Murphy. The Council would, however, give the appeal every publicity, and wished the work of the Manchester body every success.

Arising from the Law Committee's report, the Council considered at length the position with regard to the Poisons and Pharmacy Act, 1908. The registrar (Mr. James G. Coleman) was directed to approach the Society's law adviser to have representations made to each county manager, and to the chief superintendent of the Civic Guards, urging that no new licences should be issued under the Act, and that extreme caution should be used in the renewal of existing licences. It was further agreed that county managers and chief superintendents should be reminded that there were today pharmacists in virtually every town and rural area in the State, and that there was no longer need to grant licences for selling poisons to persons not properly qualified.

The report of the Schools Committee was submitted and approved. It was decided to set up an election committee to be concerned with the candidature of Mr. Frank Loughman for the Senate election.

The following changes of address were notified: Mr. James Samuel Ashe, M.P.S.I., to 12 Dartmouth Square, Dublin; Mr. Michael J. Heneghan, L.P.S.I., to the Medical Hall, Main Street, Kiltimagh; Mr. John Patrick O'Brien, L.P.S.I., to Sleator's Medical Hall, Clones, co. Monaghan; Mr. Morgan Maurice O'Connell, L.P.S.I., to 70 Lower Mount Street, Dublin, and Mr. Edward John Clancy, R.D., to 45 Manor Street, Dublin. The Registrar reported on the deaths of Messrs. Charles James Blair Dunlop, L.P.S.I., and Robert Agnew Jamison, R.D.

Messrs. T. R. Bourke and B. P. Hickey were unanimously re-elected examiners to the assistants' examination for the year ending March 1, 1949.

New Licences

The licences of the following were signed and sealed: Messrs. William Kennedy, Timothy A. Falvey, John Kenneth Gallagher, Patrick G. Garaghy, Roderick McAuliffe and Thomas Francis McHugo, and Miss Annie M. S. Johnson. The following were elected members of the Society: Messrs. W. A. Adams, J. M. McHale, L. O'Dea, M. Tobin, M. J. White and John S. Bennet. The following were nominated for membership: Miss Mary V. Kennelly, Tralee, co. Kerry, and Messrs. Timothy A. Falvey, Cork; James A. Deakin, Drumcollogher, co. Limerick;

Michael J. Heneghan, Kiltimagh, co. Mayo; and John O'Connor, Listowel, co. Kerry.

The Council then received from the Benevolent Fund Dance Committee a delegation consisting of Mr. P. G. Redmond (chairman), Miss C. Gaffney (secretary) and Miss B. Fullam (treasurer). Mr. Redmond said he was glad to report that the proceeds from the annual Benevolent Fund dance held on December 9, 1947 (see *C. & D.*, 1947.II.758) had proved a record, although the standard set in previous years had been high. Subscriptions had decreased by £50, while the expenses of arranging the dance had all increased. Although it had not seemed up to the last minute that it would be possible even to equal the figure reached in the previous year, he was now able to hand over, on behalf of the Dance Committee, a cheque for £461, the biggest ever. It was regrettable, he said, that there were some 800 members of the profession who did not contribute to the Benevolent Fund to help less fortunate members. Concluding, he thanked the president, members of the Council, the registrar, and Miss McCarthy for their valued assistance, and the pharmaceutical Press for the excellent publicity given to the dance. The committee had been delighted to welcome at the dance Mr. O. F. C. Bromfield (Editor, The Chemist and Druggist) who, on behalf of his publishers, had presented a handsome subscription to the fund.

Previous Record Beaten

The President expressed the Council's thanks to the Misses Fullam and Gaffney, and to Mr. Redmond, for the handsome cheque they had presented to the fund. With the big increase in expenses, he said, it was astonishing that the committee had been able to exceed even the figure of the previous year. It was disappointing to find that the same people did the work or sent subscriptions every year. If every one of the 800 members mentioned by Mr. Redmond had subscribed even a small sum, the Benevolent Fund would indeed be one to be proud of. The chairman and the members of his committee had given up many valuable hours of leisure, and their only reward had been the realisation that they were doing a fine work.

Mr. Gleeson said the size of the cheque was certainly a fine achievement considering the rising costs and the falling off in subscriptions. He endorsed the president's appeal to those members who did not at present subscribe to the fund. Mr. Brooke-Kelly said he was wondering what could be done to reach them. The President said their failure to subscribe was in no way due to the Dance Committee, which had sent out numerous and well directed appeals. In reply to Mr. Costello, Miss Fullam stated that only 20-25 per cent. of the chemists to whom the committee's appeal was sent had replied. The President said he was proud that the biggest cheque so far received had come during his own year of office. He hoped that his appeal to the non-subscribing chemists would have good results. The deputation then withdrew.

CHEMISTS FEDERATION

The Chemists Federation Council met on March 4, the president in the chair. A report from the C.F. Propaganda Committee was approved and adopted. Details of propaganda for March were arranged, and a report received of the recent work of the outdoor representative. Of eight applications for wholesaler membership, six were rejected, one was deferred for further consideration, and the following was accepted:—Rexall Drug Co., Ltd., Kirkewhite Street, Nottingham. The Council adopted a recommendation of the Propaganda Committee that all future applications for wholesaler membership should be accompanied by an application fee of £2 2s. Of nine applications for manufacturer membership, four were refused, three deferred for further discussion on formulas and claims made for some of the products offered, and the following were accepted: —Branded Pharmaceuticals, Ltd., 3 Little Russell Street, London, W.C.1 (Pylatum throat mints, double method pile treatment, ointment, and regulators, wild cherry pastiles and aspirin Rapide); and Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7 (all eligible proprietary medicinal preparations and proprietary medical and surgical dressings). The following additions to schedules of existing C.F. agreements were approved:—Stemco, Ltd. (cream of Nujol with phenolphthalein) and Carlton Pharmaceutical Industries, Ltd. (Footbalm and Sunbalm). A report was received from the president and secretary on a recent visit they had made to chemists in the island of Jersey. Authority was granted by the Council for the formation in Jersey of a local C.F. subcommittee, to consist of three retailers, a representative of a C.F. manufacturer and one C.F. wholesaler.

PRICES AND PROFITS

In a report sent to the Chancellor of the Exchequer on March 11, the Federation of British Industries, the Association of British Chambers of Commerce and the National Union of Manufacturers submit joint proposals for voluntary limitation of prices, profits and dividends. In a covering note accompanying the report it is explained that, in the short time available, since the Chancellor made his request to these organisations, it has not been possible to provide a complete and final scheme. Nevertheless, some three hundred trade associations have been approached and these "substantially supported" the conclusions reached. The proposals will be reflected in reduced profits and the profit reduction, it is thought, quite independently of the increase in profits tax, will be "due to manufacturers themselves bearing an increased share of the costs."

Proviso on Wages

The conclusions are recommended on the understanding that the Government will implement the decision to stabilise wages, in accordance with the White Paper, and that there will also be a general reduction in Government expenditure. Principal conclusions are set out as follows:

Reduction of Prices: The key to reduction of costs and prices is increased productivity. We recommend to all in industry a determined drive to secure, by greater efforts, the maximum productivity from the plant available. We strongly urge that everything that can be done in the way of price reduction should be announced as soon as possible and the consequence faced of reduced profits.

Stabilisation of Prices: Manufacturers should place a ceiling on selling prices at the levels ruling today without any reduction in quality, subject to discretion in exceptional cases, e.g., where there are increases in cost entirely outside the manufacturers' control, or where increases in cost that have already taken place have not yet been reflected in prices. Export price levels will require complete flexibility. The costs and prices of all goods manufactured in this country are dependent upon the prices of basic commodities and services, including fuel, transport and local rates, which are outside the control of manufacturers. We look to the Government and the responsible Authorities and Boards to take action on the lines recommended for private industry.

Stabilisation of Dividends: Subject to discretion in exceptional cases—for example, new businesses and those which have suffered directly from the effects of concentration, war damage or enemy occupation—the gross amount distributed by a business by way of dividends in the current year should not exceed the gross amount distributed on the same capital in its last financial year.

It is urged that action be taken immediately and that the recommendations remain in operation for a period of a year. The signatories to the proposals are: Sir Frederick Bain (president of the Federation of British Industries), Sir Arnold B. Gridley (president of the Association of British Chambers of Commerce) and Sir P. J. Hannon (president, N.U.M.).

In a letter addressed to the Chancellor of the Exchequer on March 12, Sir Frederick Bain gives the reaction of some 580 of the largest industrial companies in Britain to the question of limitation of dividends referred to in the report. At that date two-thirds had replied, representing private and public companies. Practically all had agreed to recommend to their shareholders that next year they should declare a dividend no larger than had been declared on the same amount of capital in the corresponding period in the previous twelve months.

C. & D. DISPENSING PRICE LIST

The following changes are additional to those given last week (p. 336).

Cost		*Due allowance has been made for purchase tax at current rates in both cost and dispensing prices*	Dispensing price		
d.	*per*		s. d. 4 oz.	s. d. 1 oz.	s. d. 1 dr.
40	lb.	Syr. rhei	1 10	0 7	0 1
30	lb.	Talcum opt., lb. 3s. 9d.	1 1	0 4	0 1
78	oz.	Theobromina ..	—	—	1 11
63	oz.	Theobromin. et sodii acet.	—	—	1 5
15	oz.	Tr. ergotæ ammoniata S.I.(5)	—	2 3	0 4
63	oz.	Ung. cocainæ, B.P.C., D.D.	—	9 0	1 6
74	lb.	Vin. ferri citratis. B.P.C.	2 8	0 9	—
38	lb.	Zinci carbonas ..	1 5	0 5	0 1
84	lb.	Zinci oleostearas ..	3 0	0 10	0 1½

Bottles.—Prices for medicine and poison bottles (given in that order) are: Up to and including 4 fl. oz., 2½d., 3d.; 6 fl. oz., 3d., 3½d.; 8 fl. oz., 3d., 4d.; 10 fl. oz., 3½d., 4½d.; 12 fl. oz., 4d., 5d.; 16 fl. oz., 5d., 6½d.; 20 fl. oz., 6½d., 7d.; 40 fl. oz., 9½d., 10d.

MISCELLANEOUS INQUIRIES

Formulas given below may have been prepared for overseas subscribers and the inclusion of substances therein is no indication that they are available in Britain or, if available, permitted to be used for the purpose.

Toxicity of Flue Dusts to Plants.—*W. R. L.*—Tomato plants are particularly susceptible to the toxic effects of cyanides and thiocyanates in flue dusts used as potassic fertilisers. For many other plants 1 per cent. of potassium cyanide and 1 per cent. of potassium thiocyanate appear to be safe limits. As both compounds, however, are rapidly destroyed in the soil, application of flue dust to the soil some weeks before sowing the crops usually provides an adequate safeguard.

Ice Cream Powder.—*B. S.*—Ice cream powder may be made to the following formula:—

Powdered starch (or substitute)	1 oz.
Powdered sugar	1 oz.
Orange dye	sufficient to tint
Almond and vanilla flavouring	q.s.

Mix well and sift. To prepare ice cream this quantity of powder should be mixed with one pint of milk or a mixture of milk and water. The product is then boiled, cooled, and then put in a freezer. Other colourings and flavours may be used.

Theatrical Wet White.—*S. F. P.*—The following are alternative formulas for a wet white:—

I

Bismuth subcarbonate, in fine powder	100 gm.
Talc, in fine powder	200 gm.
Rose water	to 1000 c.c.

II

Talc, in fine powder	200 gm.
Bismuth subchloride	50 gm.
Rose water	1200 c.c.

Treatment of Furniture Beetle.—*E.G.H.*—The eradication of larvæ of the common furniture beetle (*Anobium punctatum*), has not yet been solved satisfactorily. A recommended treatment, however, consists of applying an insecticide which will leave a permanent deposit in the wood deeply inside the infested furniture. For this purpose the use of a small syringe such as an old hypodermic syringe is recommended, and a liquid insecticide could be injected into the flight holes, joints and cracks in the furniture or fittings. The task is often less tedious than might at first appear, as the borings of the insect intercommunicate. Below is a formula for an insecticide which might be tried:—

Dichlorbenzene	50
Mineral oil	47
Barium oleate	3

Lipstick Bases.—*N.D.*—The preparation of bases for lipsticks may require a certain amount of experimentation before a base possessing the particular properties required is obtained. A selection of suitable starting formulas is given below.

I

Beeswax	40 gm.
Castor oil	30 gm.
Cocoa butter	25 gm.

II

Lanolin	10 gm.
Diglycol stearate	20 gm.
Beeswax	8 gm.
Castor oil	5 gm.

III

Cocoa butter	6 gm.
Cetyl alcohol	2 gm.
Stearic acid	3 gm.
Neutral hydrocarbon oil	5 gm.
Spermaceti	6 gm.
Beeswax	20 gm.
Lanolin	5 gm.
Lard substitute	30 gm.
Castor oil	5 gm.

Shaving Sticks.—*H.D.L.*—Shaving sticks embodying stearic acid may be made according to either of the formulas which are tabulated below:—

I

Tallow	360 lb.
Stearic acid	40 lb.
Solution of sodium hydroxide (36 per cent.)	147 lb.
Solution of potassium hydroxide (30 per cent.)	87 lb.
Water	32 lb.
Tragacanth	1 lb.

II

Tallow	400 lb.
Coconut oil	176 lb.
Stearic acid	415 lb.
Solution of sodium hydroxide (35 per cent.)	182 lb.
Solution of potassium hydroxide (36 per cent.)	108 lb.

First run into the crutch the tallow and coconut oil, and bring the temperature of the mass up to 140°-160° F. by dry steam. Add the solution of sodium hydroxide and continue heating with occasional mixing until it is all taken up. Then gradually add all but about 5 per cent. of the solution of potassium hydroxide, and complete the saponification. The heat is then turned off, the crutch is run, and the stearic acid, previously melted by dry steam in a lead-lined or enamelled vessel, is run in in a continuous stream and the crutching continued for fifteen minutes to half an hour. Samples are then taken, cooled, and tested with alcoholic phenolphthalein solution. If too alkaline more stearic acid is added; if too acid more caustic potash from that previously reserved. After each addition of caustic alkali or stearic acid the mass is crutched from 10 to 15 minutes longer, another sample is taken, cooled, and again tested. When the phenolphthalein shows a very light pink after several minutes, the soap is practically neutral. At this point a better test is to dissolve a sample in hot neutralised alcohol made by putting into the alcohol a few drops of phenolphthalein, and then adding weak alkali drop by drop from a burette until a slight pink tint is obtained, and noting the colour of the solution. The solution should show a very light pink. The tragacanth, previously softened in water, may then be crutched in. The soap is then framed, stripped in three or four days, dried and milled. The product is a shaving soap with the desired properties.

CORRESPONDENCE

Paper Economy

SIR,—If it is true, as has been reported, that the Government is paying £24 a ton for waste paper imported from Sweden, it seems high time we again adopted those habits of paper economy and paper salvage that we accepted cheerfully enough during the war.

Yours faithfully,
SALVAGE CONSCIOUS.

Purchase Tax on Medicines

SIR,—As your most persistent correspondent against the purchase tax, I was pleased to read your article and comments (*C. & D.*, February 21, pp. 242 and 245), and I trust Mr. Linstead and others in Parliament will move heaven and earth to get the tax abolished, or at least removed from medicines and medicinal products. When it is abolished or reduced, retailers should give a return of their stocks of taxed goods to their suppliers, who would forward the totals to the local revenue officials, who should then allow them repayment of tax paid.

Yours faithfully,
S. E. A.

Dispensing Technicians

SIR,—If Apothecaries' Hall dispensers are to be admitted to the Register of Chemists and Druggists, as many people suggest should be done, what is going to be the effect upon students who are toiling their way through the extended University course? Is it fair to them to put them on the same level as persons who have only a general idea of the subject, plus several years' experience of measuring liquids and weighing solids and putting these into bottles? If the Society intends raising the status of pharmacy, a firm line must be taken in this matter.

Yours faithfully,
Chesterfield. GEOFFREY BAILEY, M.P.S.

SIR, — Discussion on the National Health Service and the new education proposals has raised the need for dispensing technicians. Some of the correspondents in your columns recently have claimed recognition by the Pharmaceutical Society of dispensers holding the Apothecaries' Hall certificate. The two needs could be satisfied by the introduction of associate membership of the Pharmaceutical Society (Assoc. M.P.S.). Such a diploma could be granted to holders of the "Hall" certificate, and also to those who have reached a satisfactory standard in the Chemist and Druggist Qualifying examination but who, for one reason or another, have not successfully completed the whole examination. There are many unqualified assistants in pharmacy today who fall into the latter class: they have served an indentured apprenticeship, have passed the Intermediate examination, and have completed a course of study for the C. and D. examination. Here, surely, are the "dispensing technicians" fully trained and only awaiting recognition in some appropriate form. Regulations could then be framed making it necessary for all dispensing to be carried out by an individual holding a diploma of the Society.

Yours faithfully,
Leyton, E.10. RONALD G. WILLIAMS.

SIR,—The correspondence in your columns under the heading "dispensing technicians" is very interesting and the Pharmaceutical Society would be wise to look into the matter. Let the Society's inspectors recommend for membership of the Society the "dispensers other than pharmacists" who have had ten years' experience. After that, the rule must and could be that all dispensing done for the National Health Service is carried out by chemists on the register. This would give the Society a hold on those who actually do the work.

Yours faithfully,
VIOLONCELLO.

Pharmacists Under N.H.S.

SIR,—Although I am one of those pharmacists who are making preparations to cope with N.H.S., I can quite understand the misgivings of many who are undecided. If due allowance is made for all the costs of the contractor who provides the service, N.H.I. has never been a sound business proposition. Moreover the actual wear and tear, mental and physical, especially of the "one man" pharmacist (whose business would not allow a qualified assistant) is excessive. We are, of course, at long last, receiving "oncost" and an increased fee, but considering the great increase in overheads and wages, as well as the depreciated value of money, are we any better off? Unless we receive a substantial increase in fees and a retention fee, we shall still be poorly rewarded for the

increased outlay and responsibility of supervising more (technical?) staff. The economic state of the country is such that there is little prospect of adequate remuneration and to my mind there is only one sound solution, namely the limitation of sale of all substances and preparations in the B.P and B.P.C. to pharmacists. We already enjoy (?) the privilege of distributing poisons and it would be to the public advantage that the privilege were extended to all official medicines. Monopoly it would be, I know, but one that would benefit the community and enable the pharmacist to provide a first-class dispensing service at a fraction of the cost of State dispensaries—and more conveniently. Surely those advantages would benefit the great majority of the public. We could afford to compensate the grocers by relinquishing non-pharmaceutical products. We should then face the future with confidence and could refit our premises, take pride in our service and remunerate our staff adequately. Finally, it is now being deplored, officially and otherwise, that there is still no organisation that appeals to the non-proprietor pharmacist. May I remind all concerned that if the National Pharmaceutical Employees' Union (non-political and independent) had received the support of the Society (the same support given when the N.P.U. was formed) the gap would now be filled.

Bradford. J. W. KITCHING.

[But, as we have pointed out, chemists and druggists keeping open shop could object to the use of the Society's funds for the purpose.—EDITOR.]

Payment of N.H.I. Accounts

SIR,—I am forwarding for publication a copy of a letter sent by the Weston-super-Mare Pharmaceutical Association to Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union).

> SIR,—At a representative meeting of the above Association held on March 12, members felt that the present proposed scheme of payment of N.H.I. accounts for January to July 1948 is unbusinesslike and gives rise to some concern. The Clerk of the Somerset Insurance Committee has therefore been notified that members would withhold their replies until the following propositions had been put before the N.P.U. for their opinion:—
>
> 1. That, as the present pricing bureaux cannot cope with the work, the scripts should be priced by the N.P.U., or an accredited body, which would be remunerated by the Ministry of Health.
>
> 2. That 80 per cent. of the chemist's own average taken for January 1948 should be paid out, the balance to be fully worked out and paid in due course.
>
> 3. That, if the proposed scheme (Ref. 95514/2/25/D2, March 1948) is accepted, then the 5s. scripts should read 3s. 6d.

Yours faithfully,

Weston-super-Mare. E. H. RAKE, *Secretary.*

Sunday Duties in Northern Ireland Pharmacies

SIR,—As chemists are doing a public service, I suggest that they should not be hampered by vexatious restrictions of the kind mentioned in the following cutting from the "Belfast Telegraph."

> Councillor W. Barr drew attention at Derry Corporation today to a regulation imposed on chemists who opened on Sunday evenings between six and seven o'clock. One chemist had told him that he had been instructed by the Corporation inspector that he must keep the door locked. If a customer came he had to unlock the door, admit the customer, relock the door, and serve the customer. Then he had to unlock the door to let him out, and relock it. "That seems a most stupid regulation," added Councillor Barr, "and I cannot see any useful purpose which it serves." Mr. M. Parke (inspector under the Shops Act) said it was laid down in the Act that the door must be kept locked and opened only when required by a customer.

I assure you, Sir, that chemists are not a bit anxious to do Sunday work.

Yours sincerely,

Londonderry. SAMUEL DALE.

Pharmacy in the Forces

SIR,—Those to whom the health of our men in the Army is an immediate concern must be perplexed by the official reluctance to provide pharmacists for dispensing the medicines prescribed by their medical officers. On the one hand, Parliament requires medicines under the new health service to be dispensed by, or under the supervision of, pharmacists. Obviously, therefore, any dispensing to the Forces not handled by men trained and qualified as pharmacists must be less efficient than under the service set up for civilians. On the other hand the War Office, while protesting that it is not practicable to form a separate corps of pharmacists, has, nevertheless, established an Army Dental Corps. Surely the pharmacist is at least as important as the dentist, and the soldier's health at least as important as the civilian's?

Yours faithfully,

Little Chalfont. J. F. MCNEAL (A member of Council).

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex St., W.C.2, March 17

THERE have been few changes during the past week in the markets for PHARMACEUTICAL and FINE CHEMICALS. Efforts are being made to comply with the proposals of the F.B.I. for controlling the upward spiral of prices (p. 380), and it is understood that reductions are to be made in export rates for a number of products. One maker has already announced lower prices for ASCORBIC ACID. The Board of Trade state that the increase in the price of molasses, which will take effect on April 1, will involve an increase in the production costs of INDUSTRIAL ALCOHOL and SOLVENTS derived from this source, but not necessarily an increase in the selling prices of all solvents, for which there are alternative methods of production.

Crude Drugs

The markets continue rather quiet and business is not expected to recover until after the April Budget. More inquiry, both from the home trade and foreign buyers, has been received for AGAR, supplies of which are still rather slow in coming forward. Some of the parcels of Pará BALSAM COPAIBA imported as soluble have failed to come up to the required standard. A fair inquiry has been received for Sumatra BENZOIN and business has been done in the better grade block at £17 per cwt. CAPSICUMS are offered at lower prices. CASCARA SAGRADA continues quiet although business is reported in new-crop at 202s. per cwt., c.i.f. Some holders of 1947 peel are asking 275s., five shillings dearer than recent outside prices. GUM ACACIA on the spot is steady but shipment quotations for Kordofan sorts have fallen to 59s. per cwt., c.i.f. MENTHOL continues easy; most holders are asking 42s. 6d. per lb., duty paid, for spot stocks but one importer is quoting Brazilian menthol for future delivery at as low as 37s. per lb., duty paid. Chinese common round RHUBARB is offered at 5s. to 5s. 6d. for sound root with a two-thirds pinky fracture; there is, however, a large quantity of wormy material at lower prices. Shensi Rhubarb has not attracted the interest it merits, a few inquiries have been received for export but business is lacking. TURMERIC shipment prices are again lower.

Essential and Expressed Oils

It is understood that the sweet ALMOND OIL, B.P., now offered is largely of Cyprian origin and further arrivals are expected in the near future from the same source. In ESSENTIAL OILS little change is reported and the markets continue quiet. ANISEED OIL is firmer forward.

U.S. Drug and Chemical Report

New York, March 12

DURING the week one of the leading SACCHARIN producers has increased his schedules by 10 cents per lb., making his price for granular material 1.50 cents per lb. The inside price of THIOUREA is now 38 cents per lb. Some improvement in the volume of chemical exports during the coming weeks is forecast by trade representatives; inquiries from abroad for PHENAZONE are reported with buyers at $5.25 to $5.50 per lb.

Buying interest in the CRUDE DRUGS market has again been very limited, although items of foreign origin are in difficult supply. There has been very little interest in VANILLA BEANS, while it is reported that the new crop of Mexican cut beans will be ready for shipment next month and whole beans in June. In spite of recent imports of medicinal COD-LIVER OIL, prices here remain firm, reflecting early reports that the output in Norway this season has so far been only about half of last. A substantial quantity of MENTHOL has been ordered for overseas shipment, absorbing a large part of the Japanese material which has been hanging over the market here in recent weeks. Brazilian menthol is offered here for immediate delivery at $8.75 per lb., but it is understood that quotations at the primary centre are currently about 30 cents below this figure, for shipment within 60 days.

Revaluation of the Italian lira and French franc has resulted in declining markets among the ESSENTIAL OILS originating in Italy, France and the French colonial empire. The overall market has shown a firmer tone, however, and the sharp declines which characterised essential oils last year have for the most part been absent in 1948, except where currency revaluation has influenced the trend.

Pharmaceutical Chemicals

ARECOLINE HYDROBROMIDE. — Current prices are around 47s. 6d. per oz.

BARBITONE.—Base and soluble are available at prices from 43s. 6d. to 46s. per lb.

BARIUM SULPHATE, B.P. (*x*-ray).—1 cwt. is quoted at 1s. 3d. per lb. Schedule rates per lb. (containers in brackets), for quantities between 28 lb. and 1 cwt. are as follows: 1s. 8d. (1-lb.), 1s. 7d. (2-lb.), 1s. 6½d. (4-lb.), 1s. 5½d. (7-lb.), 1s. 5d. (14-lb.), 1s. 4d. (28-lb.)

BENZOCAINE.—Current rates per lb. are 40s. 9d. for 28-lb. lots and 41s. 3d. for 14-lb. lots, with smaller quantities up to 45s. per lb. A good demand has been reported.

BORAX.—Makers' current prices are: B.P. quality, granulated £38 per ton; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in 1-cwt. bags, delivered carriage paid in Great Britain in 1-ton lots and upwards. Terms quoted do not apply to Northern Ireland.

BORIC ACID.—Current rates for ton lots of B.P. quality are: Granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 1 cwt. bags, delivered carriage paid in Great Britain, in 1-ton lots and upwards. Terms quoted do not apply to Northern Ireland.

α - BROMISOVALERYLUREA. — Quotations are from 42s. 6d. to 50s. per lb., as to quantity.

CHLOROFORM.—Current rates are as follows: 1-cwt. lots in winchesters, 3s. 2½d. per lb.; 56-lb. lots, 2s. 11½d. per lb.; in drums, 3s. 1d. and 3s. 1½d. per lb., respectively.

CHOLESTEROL.—Current quotations are from 85s. to 95s. per lb., as to grade.

CINCHOPHEN.—Prices are from 32s. 6d. to 37s. 6d. per lb., as to quantity.

CITRATES.—Makers' rates are as follows: POTASSIUM, 5-cwt. lots, 2s. 9½d. per lb., 1 cwt., 2s. 10½d.; schedule prices for quantities of 28 lb.-1 cwt., per lb., are as follows (containers in brackets): 3s. 8½d. (1-lb.); 3s. 7d. (4-lb.); 3s. 6d. (7-lb.); 3s. 5½d. (14-lb.); 3s. 4½d. (28-lb.). FERRI ET AMMON. CIT., B.P., 7d. per lb. above. SODIUM B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

CREAM OF TARTAR.—Current rates for the home trade are as follows: 10-cwt. lots, 181s. per cwt.; 5 to 10-cwt., 182s.; less than 5-cwt. and more than 2-cwt., 183s.; less than 2-cwt. and more than 1-cwt., 185s.

CREOSOTE.—B.P. quality, ex beechwood, quoted at from 7s. per lb., upwards.

DIAMORPHINE. — Prices per oz. are: ALKALOID, ½ oz., 54s. 6d.; 1 oz., 52s.; 2 oz., 50s. 6d.; 3 oz., 49s. 9d.; 4 oz., 49s. 6d. HYDROCHLORIDE, ½oz., 50s. 3d.; 1 oz., 47s. 9d.; 2 oz., 46s. 3d.; 3 oz., 45s. 6d.; 4 oz., 45s. 3d. per oz.

HYOSCINE HYDROBROMIDE.—Makers' quotations are from 147s. 6d. to 150s. per oz., according to quantity.

PHENACETIN.—Firm. Quotations are from 5s. to 6s. per lb., as to quantity.

PHENAZONE.—Nominal prices are from 32s. 6d. to 35s. per lb.

PHENOBARBITONE.—Manufacturers' prices are 40s. 6d. per lb. for 7-lb. lots and 39s. for 28-lb. lots with prices for other quantities in proportion. The corresponding rates for the SODIUM SALT are 43s. and 41s. 6d.

SALICYLSULPHONIC ACID.—Makers' quotation for this reagent is 15s. per lb.

SALOL, B.P.C.—Current quotations for quantities of 28 lb. to 1 cwt. are from 9s. to 9s. 4d., according to pack. Prices for larger quantities are around 7s. 6d. to 8s. per lb.

SANTONIN.—Prices are unchanged: 5 kilos, £44 per kilo; less than 5 kilos, £45; 1 kilo, £46; half-kilo, £47; quarter-kilo, £48 per kilo; carriage paid in U.K.

SODIUM ALGINATE.—Current rates per lb. are as follows: 7-lb. lots, 7s. 3d.; 28-lb., 7s.; 1-cwt., 6s. 6d.

SODIUM HYDROXIDE. — Makers advise higher prices for sticks, which are now quoted at 3s. 7d. to 4s. 3d. per lb., according to quantity, in 1 lb. bottles (free).

SODIUM TAUROGLYCOCHOLATE. — Current quotations are at 45s. per lb.

STEARATES.—Current rates per cwt., in 1-cwt. lots, are as follows: ALUMINIUM, 235s. 6d.; CALCIUM, 217s. 6d.; MAGNESIUM, 237s. 6d.; LEAD, 240s. 6d.; ZINC, 222s. 6d. 5-cwt. lots are 2s. 6d. per cwt. less, and 1-ton lots 7s. 6d. less per cwt. than above prices. Carriage paid in U.K.; packing free.

SULPHACETAMIDE. — BASE and SOLUBLE are priced at 65s. per lb.

SULPHANILAMIDE.—Prices are steady as follows: 5-cwt., 6s. 3d.; 1-cwt., 6s. 6d.; 28-lb., 6s. 10d.; 14-lb., 7s.; 7-lb., 7s. 9d. per lb., net; packing extra.

SULPHANILIC ACID, B.P.C. — Current quotations are around 6s. per lb.

SULPHONAL.—Supplies are available on the spot at from 44s. to 53s. per lb.

TANNIC ACID.—B.P. levis is from 8s. 9d. per lb.; ether soluble, from 9s. per lb.

TEREBENE.—Rates per lb. are as follows: Carboys, 3s. 9d.; 24 winchesters, 3s. 10½d.; 12, 4s. 1½d.; 6, 4s. 5d.

TERPINEOL.—B.P. quality is priced at 5s. per lb. for small lots.

THEOBROMINE.—Makers' prices per lb. are as follows: ALKALOID, from 39s. 6d. to 43s. 6d., according to quantity; CALCIUM SALICYLATE and SODIUM SALICYLATE, from 22s. 3d. to 26s. 3d.; SODIUM BENZOATE, from 24s. 9d. to 27s. 9d.

THIOGLYCOLLIC ACID. — Supplies are available at 22s. 6d. per lb.

THIOURACIL, B.P.C.—Quotations are unchanged at 55s. per lb.

THYMOL, B.P.—In short supply. Quotations are from 18s. to 18s. 9d. per lb., and upwards to 22s. 6d. per lb.

THYROID, B.P.—Prices for the home trade are from 17s. 9d. to 20s. per lb., according to quantity and seller.

THYROXINE SODIUM.—Makers' prices per gm. are as follows: 1 gm., 50s.; 10 gm., 45s.; 100 gm., 40s.

URETHANE.—Offers are made at 16s. 6d. per lb., ex warehouse.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb. Supplies from maker are on quota.

Crude Drugs

ALOES.—Steady. Cape is offered at 155s., spot; shipment offers are at 140s. to 142s., c.i.f. Curaçao in boxes is offered at 210s. to 230s., spot; forward, 200s. per cwt., c.i.f. Socotrine on the spot is quoted at 156s. to 190s. per cwt.

ANTIMONY.—Prices are unchanged. Current rates are as follows: 99.6 per cent., regulus, £190 per ton, delivered; 99 per cent., £180; 70 per cent. crude, £150.

BALSAMS.—*Canada* is steady at 18s. 6d. per lb., spot. Pará *Copaiba*, spot, 5s. 3d. to 6s. per lb. for soluble. *Peru*, San Salvador, is offered at 6s. to 6s. 3d. per lb., duty paid. *Tolu* on spot is quoted at 18s. 6d. per lb.

BENZOIN.—Steady. Sumatra almondy block on the spot may be bought at prices from £15 to £17 per cwt., as to quality. Sumatra free almonds are quoted at £80 per cwt.; Siam almonds, at 30s. per lb.

BUCHU.—B.P. leaves, old-crop, quoted from 4s. 2d. to 4s. 3d. per lb., spot; new-crop, 3s. 10d., c.i.f. Old-crop ovals are offered at 4s. per lb.

CAMPHOR.—Chinese tablets (¼-oz.) are quoted at 11s. 3d. per lb., spot; refined powder (B.P.), 10s. 3d. Formosa (B.B.), 9s. 6d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude 93-95 per cent., 7s. per lb. Japanese tablets (¼-oz.) are offered at 9s. 3d. per lb.; powder (B.P.), 8s. 6d. to 9s.; slabs, from 9s., all spot, duty paid.

CAPSICUMS.—Easier. East African on the spot, 85s. to 140s. per cwt.

CASCARA SAGRADA.—Quiet. 1947 peel is quoted at 265s. to 275s. per cwt., according to holder; 1946 is at 270s. to 275s. New-crop, July-August shipment is offering in the U.S. at 202s. per cwt., c.i.f.

CINCHONA BARK.—Business has been done in Tanganyika chips, on the spot, at 4s. 6d. and 4s. 9d. per lb., according to quality.

CINNAMON.—Quillings are offered ex-store at 1s. 6d., featherings at 1s. 3d., and chips at 9d. per lb.; 0000 quill, to arrive, 2s. 4½d., c.i.f.

GINGER.—Jamaica No. 1 is quoted at 115s. per cwt., spot; No. 2, 97s. 6d. to 100s.; No. 3, 92s. 6d.; new-crop No. 3, February-March, 87s 6d., c.i.f. Sierra Leone is offered at 60s.; new-crop, March-April shipment, 50s., c.i.f.

GUAIACUM RESIN.—Quotations for lump are from 2s. 9d. to 3s. per lb., spot.

GUARANA SEED.—Fine powder on spot is quoted at 5s. per lb.

GUM ACACIA.—Quiet. Kordofan cleaned sorts, 67s. 6d. per cwt., spot London; March-April shipment, 59s., c.i.f. Bleached No. 1, quoted at 140s., ex store. Talha cleaned, 40s. per cwt., ex warehouse; shipment, 37s., c.i.f.

GUM MASTIC.—A parcel of No. 2 is offering at 14s. 3d. per lb.; all No. 1 is reported sold.

IPECACUANHA.—A quiet market in the absence of home trade demand. Nicaraguan is steady at 28s. 6d. per lb., spot; April-May shipment, 24s., c.i.f.; Colombian root, 26s., spot, and 22s. per lb., c.i.f.

LIQUORICE.—Anatolian natural root is offered at 52s. 6d. per cwt., spot. Syrian natural is steady at 49s. 6d. per cwt. on the spot. Italian block, 375s. per cwt., spot. Italian stick (1-oz. and 2-oz.) is quoted from £450 to £535 per ton, as to quantity and grade. Turkish block is steady at around 240s. per cwt.

MALE FERN.—Jugo-Slav is offered at 85s. per cwt., with only small supplies on the spot.

MENTHOL.—Brazilian on the spot is offered at 42s. 6d. per lb., duty paid; in bond, 40s. 6d. The forward market continues easy.

PAPAIN.—East African No. 1 is offering at 30s. per lb. on the spot.

RHUBARB. — Steady. Chinese rough-round on the spot is quoted from 3s. 6d. to 6s. per lb., according to fracture and seller; Shensi flats or rounds on the spot are offered at 10s. to 12s. 6d. per lb., according to quality.

SEEDS—Market quiet with very little business passing. ANISE.—Cyprus, 1s. 8d. per lb.; Turkish, 1s. 7½d. per lb., duty paid, spot London or Liverpool. CARAWAY.—Dutch offered at 11½d. per lb., duty paid in London, and 11¾d. per lb., duty paid, ex store Liverpool. CELERY.—Indian is quoted at 1s. 3d. per lb., spot London. CORIANDER.—Argentine on the spot is 45s. per cwt., duty paid; splits quoted at 39s. per cwt., duty paid, in London or Liverpool. No Morocco is offering on spot. CUMIN.—Indian offered at 215s. per cwt., spot Liverpool; Cyprus is 217s. 6d. to 220s. per cwt. in London. DILL.—Indian, spot London, quoted at 47s. 6d. per cwt., and 45s. per cwt., ex store Liverpool. FENNEL.—Indian is quoted at 72s. 6d. per cwt., spot London, and 71s. 6d. per cwt., ex store Liverpool. FENUGREEK.—Indian is offered at 47s. 6d. per cwt., spot London and 45s. per cwt., ex store Liverpool.

SENEGA.—The market continues quiet with prices steady. Spot is offered at from 11s. 3d. to 11s. 6d. per lb.; shipment, 11s., c.i.f.

SHELLAC—Spot quotations, ex warehouse, are as follows: F.O.T.N., pure, 340s.; Standard No. 1, 345s.; fine orange, 360s. to 400s. per cwt.

TURMERIC.—Madras finger is nominal at 120s. per cwt., spot; April-May shipment is quoted at 92s. 6d., c.i.f.

VALERIAN.—Belgian root is at 175s. to 180s. per cwt., according to holder; Indian, 160s. per cwt.

WAXES.—Dar-es-Salaam BEES', on spot, is quoted at 385s. per cwt.; Lindi, 375s., nominal. Benguela is quoted at 370s., duty paid; shipment, 315s., c.i.f. CANDELILLA.—Steady at 400s. per cwt., spot, and 385s. for April delivery, ex store. CARNAUBA.—Fatty grey on spot, 505s. per cwt.; shipment, 450s., c.i.f. Prime yellow, spot, 850s. per cwt.; shipment, 790s., c.i.f. MONTAN.—Steady. Reibeck is offering at 330s. per cwt., spot; Czechoslovak crude, 300s. OURICURI.—6 per cent., on spot, 375s. per cwt. 1 per cent., spot, 435s.; shipment, 420s., c.i.f. 2 per cent., spot, 430s.; 415s., c.i.f. 5 per cent., 390s., c.i.f. SPERMACETI.—Spot quotations are 4s. 2d. per lb.

Essential and Expressed Oils

ALMOND.—Sweet oil (B.P.) is offered at 9s. 6d. to 11s. per lb. Bitter essential oil is quoted from 30s. to 55s. per lb., according to quality and seller.

ANISE.—Chinese star, on the spot, in drums is offered at 6s. per lb., and in tins at 6s. 1½d., with up to 7s. for smalls; shipment, 5s. 8d., c.i.f.

APRICOT KERNEL.—Small supplies available on the spot are offered at 9s. to 10s. per lb.

BAY.—Prices of West Indian are unchanged at 7s. to 8s. 6d. per lb., spot.

CADE.—Prices are from 4s. to 5s. 6d. per lb., according to holder and quantity.

CAMPHOR.—White oil of good quality is offered at 3s. to 3s. 6d. per lb., duty paid.

CANANGA.—Java oil, spot, is quoted from 35s. to 40s. per lb., 29s., c.i.f.

CARAWAY.—English-distilled is offered at from 38s. to 40s. per lb.; imported oil is quoted at from 30s. to 32s. 6d.

CASSIA. — Spot quotations are from 16s. 6d. to 17s. per lb., as to quantity.

CINNAMON.—Ceylon bark oil is available at 12s. 6d. per oz.; English-distilled, from 24s. to 40s. per oz.; B.P. oil is at 75s. to 85s. per lb. Leaf oil, spot, is quoted at from 8s. 6d. to 10s. 6d. per lb.

CITRONELLA.—Ceylon in drums is offered at 4s. to 4s. 3d. per lb., spot; shipment, 3s. 5d., c.i.f. Java is quoted at 10s. to 12s. per lb. on the spot; shipment, 8s. 2d., c.i.f.

CLOVE.—Quotations for English-distilled bud oil are from 11s. to 12s. per lb.

EUCALYPTUS.—70-75 per cent. (B.P.) is offering at 4s. 9d. per lb. for drums, and up to 6s. 6d. for smaller quantities; shipment, 3s. 8d., c.i.f.

LAVENDER.—French, 38-40 per cent. is quoted at 25s. to 27s. 6d. per lb., spot; 40-42 per cent. 28s. to 31s. Spanish (spike) is steady at 9s. 6d. to 11s. 6d. per lb., spot.

LEMONGRASS.—Spot supplies are offered at 7s. to 9s. per lb., according to holder and quantity; forward, 6s., c.i.f.

LIME.—West Indian is maintained at from 27s. 6d. to 30s. per lb., according to holder and quantity.

NUTMEG.—English-distilled oil is offered at from 39s. to 45s. per lb.

OLIVE.—The Olive Oil Importers' Association price for edible, 1 per cent., to wholesalers is 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows: In gall. loan cans, 58s. 9d. per gall.; in ½ gall., 59s. 6d.; in quart loan containers, 60s. 4d.; and in pint containers, 61s. 4d. per gall., all delivered to buyers' premises.

SASSAFRAS.—Only a small supply available on the spot. Holders are asking from 6s. 6d. per lb. and upwards.

SESAME.—Refined edible oil is quoted at from 62s. 6d. to 67s. 6d. per gall. of 9 lb.

THYME. — Red oil (40-42 per cent. phenols), 13s. 6d. to 16s. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

TI-TREE.—Supplies on the spot are offered at from 8s. to 10s. per lb., according to quantity.

Turpentine and Pine Oil.—As from March 1 the selling prices of turpentine and pine oil sold by the Board of Trade through their agents, the United Kingdom Naval Stores Association, Ltd., 46 St. Mary Axe, London, E.C.3, have been reduced as follows: American gum spirits, £90 per ton; Portuguese gum spirits, £80 per ton; American steam-distilled wood spirits, £80 per ton; pine oil, £75 per ton, net, naked, including duty, ex store United Kingdom, in loan drums. Prices of pine oil in free containers are now as follows: In 10-gall. drums, 8s. 3d.; 5-gall. drums, 8s. 9d.; 1-gall. tins, 15s., net per imperial gallon, including duty, ex suppliers' premises. Re-sale prices by retail distributors are: American gum spirits in 10-gall. drums, 8s. 9d., and in 5-gall. drums, 9s.; Portuguese gum spirits, 8s. and 8s. 3d.; American steam-distilled wood spirits, 8s. and 8s. 3d., net, per imperial gallon, including duty, ex suppliers' premises, containers free.

Zanzibar Cloves

EXPORTS of cloves from Zanzibar during the last quarter of 1947 were at a low level and the total for the year (7,514 tons) was below the average for pre-war years, and less than half the very high total for 1946. In the December quarter, clove oil exports amounted to 166,659 lb., all to the United Kingdom; the total for the year was 385,905 lb. The current clove harvest is extremely small; the first supplies of new cloves did not reach the market until November 1947.

The Clove Growers' Association guaranteed minimum buying price for all grades, except sweepings and cloves suitable only for distillation, was increased by Shs. 2 per 100 lb. on December 20, and the open market price at the end of the year was Shs. 47 to Shs. 47/25. These prices were maintained during January 1948.

TRADE MARKS

(*From "The Trade Marks Journal," February 25*)

"TRIDIONE"; for therapeutic compounds being alkyl derivatives of diketo oxazolidine (5). By Abbott Laboratories, Chicago, U.S.A. 649,086.

"SOL-VIT-AX"; for oils and preparations thereof, all for pharmaceutical and veterinary purposes (5). By British Cod Liver Oils (Hull & Grimsby), Ltd., St. Andrew's Dock, Hull. 650,092 (Associated).

Device of a running man; for medicinal preparations for use in the bath and for the feet; pharmaceutical preparations for use in the treatment of rheumatism, lumbago, sciatica and neuritis (5). By A. Clark & Co., 23 Mansfield Road, Nottingham. 650,200 (Associated).

"MAXILIN"; for medicines, but not including aperients (5). By Maxilin Marketing Co., Ltd., Maxilin House, 130 Halliwell Road, Bolton, Lancs. 651,757.

"TONOSTERONE" and "VANOPHAN"; for pharmaceutical preparations; "NIDORMON"; for pharmaceutical preparations consisting of or containing hormones (5). By British Schering, Ltd., 167 Great Portland Street, London, W.1. 654,282, 654,286 and 656,270 (Associated).

"GYLINE"; for pharmaceutical preparations of glandular extracts and vitamins for human use (5). By British Glandular Products, Ltd., 37 Chesham Place, London, S.W.1. 654,375.

"TEPCOL"; for pharmaceutical preparations for human and veterinary use, sanitary substances and disinfectants (5). By The English Pharmaceutical Co., Ltd., 1 Queen Victoria Street, London, E.C.4. 654,399.

"DYSPEPSOIDS"; for pharmaceutical preparations and substances, all for use in the treatment of dyspepsia and intestinal catarrh (5). By Meggeson & Co., Ltd., Llewellyn Grove, London, S.E.16. B654,868.

"ANOCAIN"; for pharmaceutical preparations and substances (5). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. 655,002.

"AERO-MEDIC"; for pharmaceutical preparations and substances for external use (5). By Aeroped, Ltd., 35 Bessborough Place, London, S.W.1. 655,149.

"STRATOMIN"; for medicated preparations (5). By Aktiesels-Kabet Serpens, Copenhagen, Denmark. 655,520.

"PRE-SERVISAL"; for pharmaceutical preparations in powder form for vaginal douching purposes to increase fertility (5). By Ortho Pharmaceutical Corporation, Linden, New Jersey, U.S.A. 655,665.

"SEDALKA" and "VESSALKA"; for all goods (5). By E. Griffiths Hughes, Ltd., Peru Street, Adelphi, Salford, Manchester. 655,750-51 (Associated).

"ASMARETTES"; for pharmaceutical preparations for use in the treatment of asthma (5). By Antiseptic Products, Ltd., 105 Tonbridge Road, Maidstone, Kent. 656,489.

"NURALEX"; for articles for prophylactic purposes, and contrivances (not medicated) for surgical and curative purposes, all being goods of india-rubber; surgical trusses; and belts for surgical or curative purposes (10). By Ward's Surgical Co., Ltd., 19 Villiers Street, London, W.C.2. 654,747 (Associated).

"AVEL"; for non-medicated toilet paper and paper tissues; and paper handkerchiefs, etc. (16). By Velvet Crepe Paper Co., Ltd., Alperton, Middlesex. 655,301.

"THURGAR" in distinctive lettering; for combs (21). By Thurgar Bolle, Ltd., Orient House, Churchway, Wellingborough, Northants. 655,528 (Associated).

"PLASTOCORD"; for combs (21). By David Hughes (Leeds), Ltd., Plastic Works, Tennant Street, Stockton-on-Tees. 656,307.

Application No. B654,571 by Ashe Laboratories, Ltd., should have been advertised as one for registration in part A of the Register.

COMING EVENTS

Items for inclusion under this heading in the issue of March 27 must reach the Editor not later than first post on Tuesday, March 23.

Monday, March 22

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Bridge School, Station Road, Wealdstone, at 7.30 p.m. Mr. F. W. Adams, B.Sc., Ph.C. (deputy secretary, Pharmaceutical Society) on "Recent Changes in Pharmacy Law."

Tuesday, March 23

GLASGOW PHARMACY CLUB, Cranston's tea rooms, 28 Buchanan Street, at 7.30 p.m. Whist drive (tickets 4s. each from Mr. A. Aitken, 480 Dumbarton Road, Glasgow, W.1).

WEMBLEY CHEMISTS' ASSOCIATION, Town Hall, Wembley, at 7.45 p.m. Mr. F. W. Adams on "Recent Changes in Pharmacy Law."

Wednesday, March 24

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Kerswell's restaurant, Field End School, Eastcote, at 7 p.m. Annual dinner (tickets, 10s. 6d. each, from the secretary, 21 Hillcroft Avenue, Pinner, Middlesex).

NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.30 p.m. Papers on "The Acid Treatment of Burns," "The Sterility of Ether," and "Awkward Prescriptions."

NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, North Stafford Hotel (opposite Stoke Station), at 7.30 p.m. (joint meeting with local Branch of National Pharmaceutical Union). Discussion on National Health Service.

NORWICH BRANCH, PHARMACEUTICAL SOCIETY, Three Ways Café, Brigg Street, at 7.15 p.m. Dr. K. Bryce on "A Day in a Doctor's Life."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Cleveland Scientific Institute, Corporation Road, Middlesbrough, at 6.45 p.m. Mr. A. A. Meldrum (a member of the Society's Council) on "Education and All That."

WEMBLEY CHEMISTS' ASSOCIATION is organising a visit to Roche Products, Ltd., Welwyn Garden City, on May 12, coach leaving Wembley at 1.45 p.m. Further particulars from Mr. Evan C. Meredith, 18 Wentworth Hill, Wembley, Middlesex.

THE SOCIAL COMMITTEE OF THE PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND is holding a whist drive at the Society's headquarters, 73 University Street, Belfast, on Friday, April 2.

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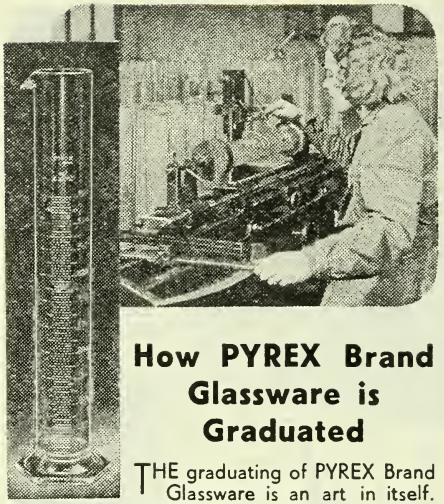

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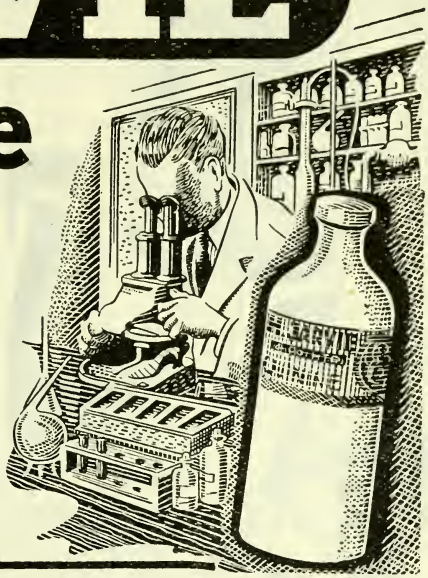

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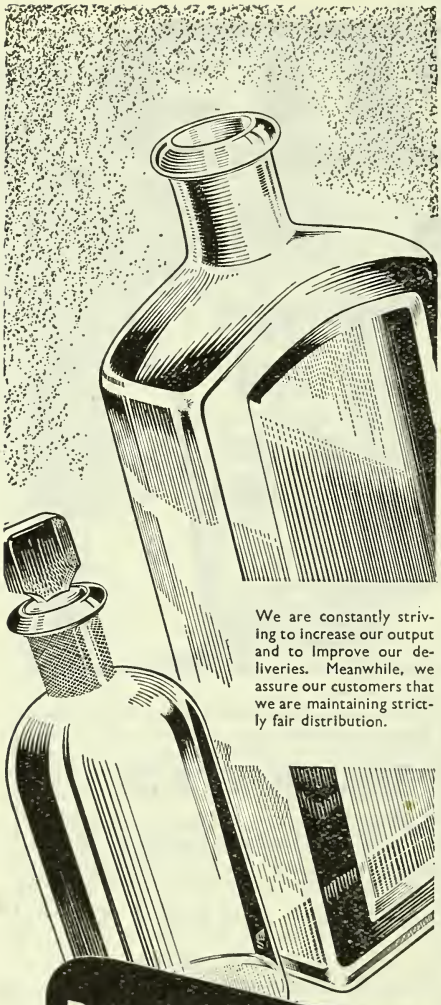

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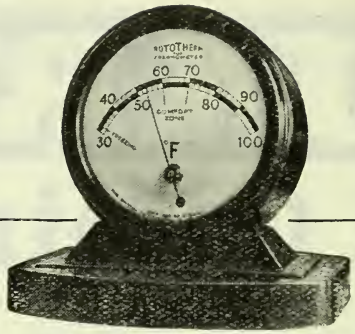

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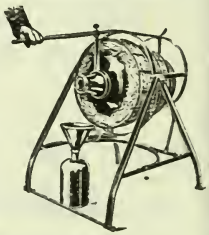

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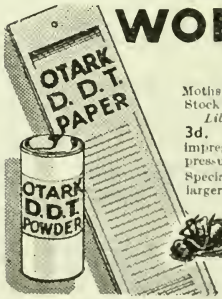

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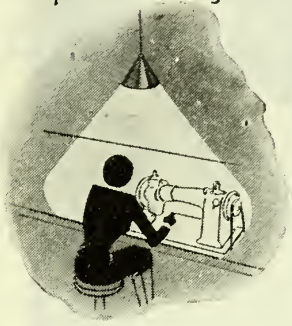

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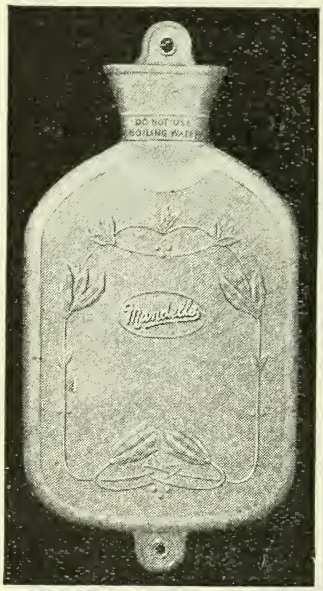

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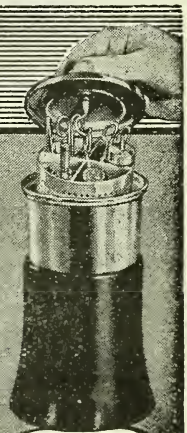

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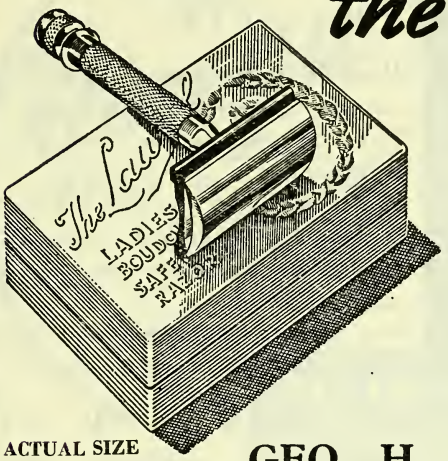

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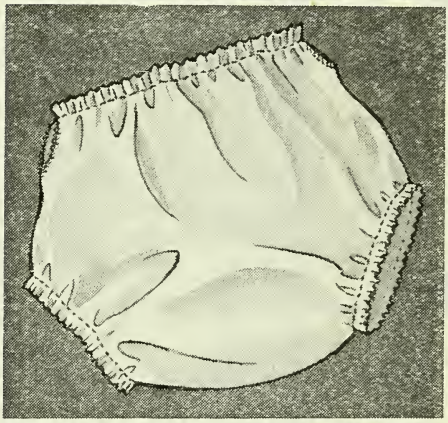

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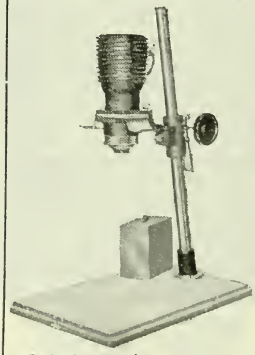

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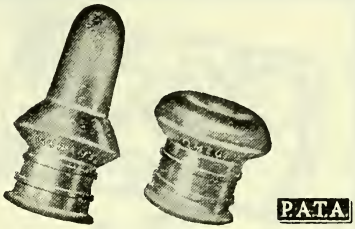

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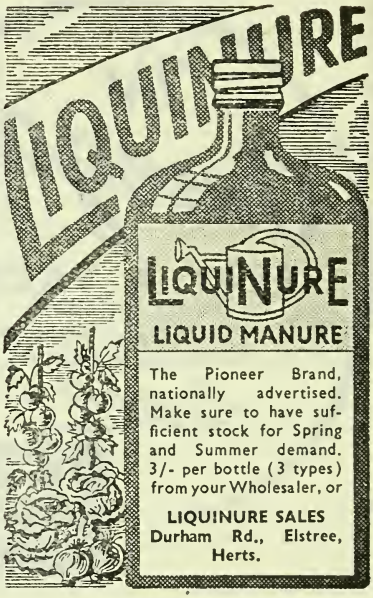


A DELICATE SUBJECT — FOR DELICATE SKINS

The **TOTTY-POT**

Rubber Ringed for Cushion Comfort

Trade Mark "Totty Pot" Patent-applied for

A NON-CORROSIVE ACID-PROOF HYGIENIC CHILD'S CHAMBER

Detachable ring, easily removed for cleaning purposes

Made of Aluminium

ANODISED IN SOFT PASTEL SHADE

SOLE MANUFACTURERS

J. BILLIG & SONS LTD., ESTABLISHED 1899

BILTIN WORKS, FONTHILL Rd LONDON N.4.

TELEPHONE: ARCHWAY 2753 & 3858

FLIT

WITH D.D.T

Sells First-and Fast!

FLIT is the first name folks think of, when bent on pest-destruction: it's been No. 1 insecticide for years and years and years. And now it's *Flit with D.D.T.*—two great names in one! No wonder it sells first—and fast! Order your stocks *now*—display FLIT in your window and on your counter!

TRADE TERMS

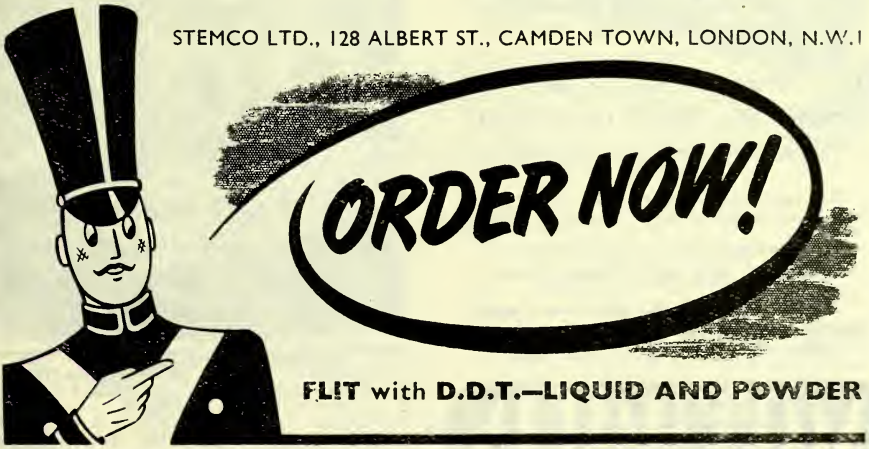
Liquid—Retail		Trade
2/6 size 16 oz.	.	21/- per dozen
4/6 ,, 32 oz.	.	38/- ,, ,,
18/- ,, 160 oz.	.	150/- ,, ,,
Sprayers 3/2	.	27/10 ,, ,,
Powder 1/3	.	10 - ,, ,,

AND NOW *Flit Powder*

There's *powder*-Flit, too—in neat, attractive, self-contained 'puffers.' Equally powerful, just as quick to kill (and sell) as well-known liquid Flit. In 2-dozen display cartons.

Another big seller!

STEMCO LTD., 128 ALBERT ST., CAMDEN TOWN, LONDON, N.W.1



FLIT with D.D.T.—LIQUID AND POWDER

A new chapter in moth-proofing

FUBEX BRAND

" MOTHOLIN " kills immediately and keeps on killing moth and grub for months after one application without harm to even the most delicate fabrics. It renders clothes, furs and woollens moth-proof without leaving stain, trace or smell.

Retail price 3/6 (no tax)

SHOWS 50% PROFIT ON OUTLAY.

Nationally advertised—Display material on request.

Sole Agents—SPLENDOR LABORATORIES, 7c Lower Belgrave Street, LONDON, S.W.1

Manufactured by—FUBEX LTD. LONDON, W.1 and SITTINGBOURNE

* " MOTHOLIN " is the new name given to " FLYOLIN " to make its purpose more distinct to the public.

MOTHOLIN
(Formerly known as FLYOLIN)

HATCHWELL MIRACLE MIXTURE *has saved the lives of hundreds of dogs*

★ *The Sensible Chemist knows that Pet owners are worth catering for*

Supplies the finest remedies, well advertised, and show more profit than any other similar lines. We do not advertise our Wholesale Prices. You must write to us if you are interested

THE HATCHWELL COMPANY LTD.
BYRON STREET, PRESTON, LANCASHIRE

ORDER DIRECT OR FROM

MANCHESTER: D. Mawdsley & Co. James Woolley Sons & Co., Ltd.
LEEDS: Goodalls (Leeds), Ltd.
LEICESTER: E. H. Butler & Son.
NEWCASTLE-ON-TYNE Wilkinson & Simpson
LONDON: Brooks & Warburton, Ltd. May, Roberts & Co. Ltd. Butler & Crispe.
LIVERPOOL Ayrton, Saunders & Co. Ltd.

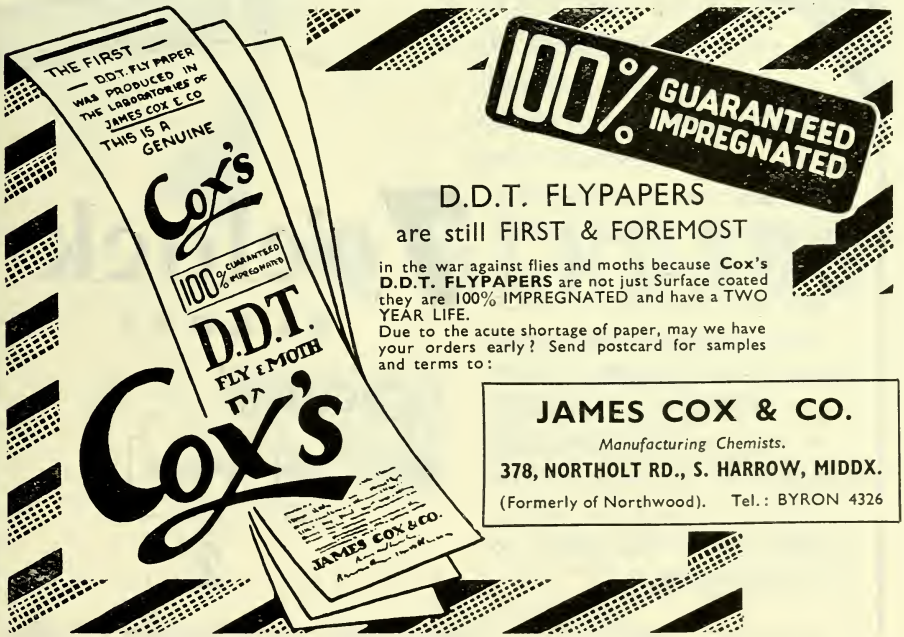
THE TOWN TALK POLISH CO. Manchester, 10

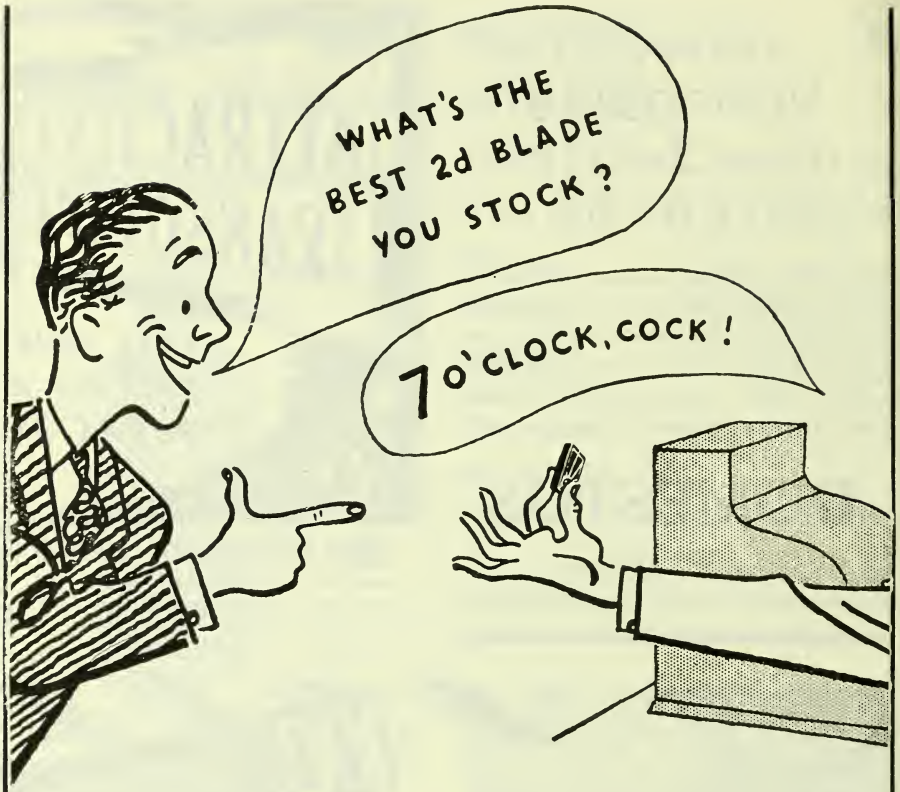
★ ★

Unstopping the Bottle HOLD-UP!

We're doing our best to ease the difficulties due to shortage of Domestos bottles. Display advertisements are appearing in daily newspapers requesting housewives to return bottles quickly. We're thus endeavouring to ensure that you receive supplies of Domestos regularly.

DOMESTOS
LIMITED
COLLEGE WORKS, NEWCASTLE UPON TYNE, 6

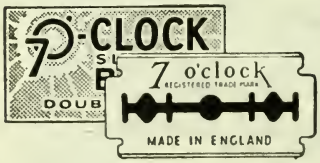




This new 7 O'CLOCK advertising campaign is certainly getting itself talked about—and causing a big demand for 7 O'CLOCK blades. And, once they've tried them, men soon come to realise how much better 7 O'CLOCK are than any other twopenny blades on the market. You can't go wrong if you recommend 7 O'CLOCK blades to your customers.

7 o'clock

BLADES



THE BEST 2D BLADE

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Road, Isleworth, Middx.

The Great Spring Clean is on the way

HOUSEWIVES will need these Six Scrubb's Household Cleaners.

Stock your shelves NOW and be ready for the demand we are creating by extensive Advertising throughout the country.

SCRUBB'S

CLOUDY AMMONIA
PAINT & ENAMEL CLEANER
WINDOW CLEANER
DRY CLEANER
FURNITURE CREAM
SILVER & PLATE CLEANER

• **FREE TRIAL OFFER.** To prove the qualities of our Products we will gladly send you a trial bottle of each cleaner, *except ammonia. Regulations won't allow us to send this product.*

CHEMICAL & NATURAL PRODUCTS LIMITED, WIMBLEDON FACTORY ESTATE, LONDON, S.W.19.

Lipshades – the new beauty VOGUE for your Customers

"She shall have beauty wherever she goes"

English Rose Lipsticks

	FAIR	MEDIUM	DARK
BRUNETTES			
Day	Pink Dawn	Lady Gay	Lady Gay
Night	Lady Gay	Crimson Glory	Crimson Glory
BLONDES			
Day	Fascination	Pink Dawn	Lady Gay
Night	Lady Gay	Lady Gay	Crimson Glory
BROWNETTES			
Day	Fascination	Lady Gay	Pink Dawn
Night	Lady Gay	Crimson Glory	Lady Gay
REDHEADS			
Day	Elfin	Fascination	Lady Gay
Night	Fascination	Lady Gay	Crimson Glory

This exciting NEW beauty collection with its captivating shades, each matched with the glorious hue of an English Rose will soon be in brisk demand. Backed by an ample advertising campaign there will be big business for you in English Rose Lipshades!
Order now — while the full range is still available

Retail Prices
Lipsticks.
9/2 incl. P.T
Refills
3/- incl. P.T
USUAL TRADE TERMS

CHEMICAL AND NATURAL PRODUCTS LTD., WIMBLEDON FACTORY ESTATE, LONDON, S.W.19

Every sale of

GENASPRIN

REGD. TRADE MARK BRAND

gives YOU goodwill and profit

Rigorous analytical control is your customers' guarantee of satisfaction.

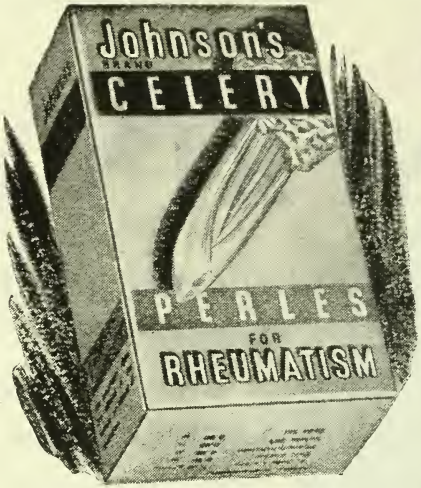
RETAIL **28**'s **1/6½**d. inc. tax TRADE **10/-** tax extra.
50's **2/5½**d. ,, ,, **16/-** ,, ,,

10% *discount on £5 parcels.*

GENATOSAN LTD., LOUGHBOROUGH, LEICS.

Telephone : Loughborough 2292

T.14A.



We have no hesitation in stating that this is the most attractively packed line in its class on the market, and the product itself achieves all that is claimed for it—hence the steady repeats and recommendations from satisfied customers.

JOHNSON'S CELERY PERLES RELIEVE RHEUMATISM!

★ It is a great pity we are unable to show in this illustration the packing of JOHNSON'S CELERY PERLES in the four colours used in the printing of the carton.

LOCAL & NATIONAL ADVERTISING IS ABOUT TO COMMENCE

TRADE PRICE **18/-** PER DOZ.
Plus 33/⅓ P. Tax. Retail 3/3 inc. tax.

Order from your usual wholesaler or direct from manufacturers :

JOHNSON AGENCIES
(PROPRIETARIES) LTD.,
CLARENDON WORKS, HORSHAM, SUSSEX.

D.D.A. AMIDONE

Chemists who are using our D.D.A. Register can obtain an extra section to paste in at the end of current register 7D. post free.

JAMES TOWNSEND & SONS, LTD.
EXETER

HYOSCYAMUS MUTICUS; SENNA (Alexandrian, handpicked) Pods, Leaves and Siftings; HENNA, Leaves and Powder; DATURA, Metel and Stramonium; PEGANUM HARMALA SEEDS; KHELLIN SEEDS, etc., etc. Prompt shipments from stock. Samples and lowest quotations from: **LEWIS BUSUTTIL,** 26 Sherif Pacha Street, Cairo, Egypt. Telegrams: "Lebut Cairo."

FRIARS BALSAM PASTILLES, packed in 5 lb. tins 20/-. *LICORICE & MENTHOL PELLETS* in 3 lb. tins 30/-. Both inclusive P.T. Carriage Paid.
WALVERDENE LTD.,
102 BARKERHOUSE ROAD, NELSON

Clear Glass—
BOTTLES with bakelite **CAPS**
JARS with metal or bakelite **CAPS**
Also **CAPS** in quantity to the Trade
Prompt and Reliable Delivery
Price List on enquiry
H. & A. DISTRIBUTORS LIMITED
19 MARKET STREET
Phone: MAIDENHEAD 2311

2/9 and 4/6
PER BOTTLE

Extensive advertising has created a big customer demand for this grand Iron Tonic. Cash in and get your fair share of this big, profitable business.

NO LICENCE REQUIRED.

VIRONITA
IRON TONIC

VIRONITA IS FAST SELLING AND PROFITABLE

M. CALTHORPE & COMPANY LIMITED, *Manufacturing Chemists,* **OSSETT**

V3/45/9

Anne French

off-the-quota news saying ***YES!***

Yes, to your requests for more ANNE FRENCH CLEANSING MILK—for at last we can offer you a limited bonus quota—over and above your usual ration—of this product, for which the demand is so great.

Yes, to your query "Can I make more profit?"—because if you order on our best terms (we allow 10% discount on orders of £10 or over) your profit is as much as 41.36%.

TRADE TERMS:

3/4 size, 14/4 per doz., P.T. 17/11; 7/8 size, 33/7 per doz., P.T. 42/-.

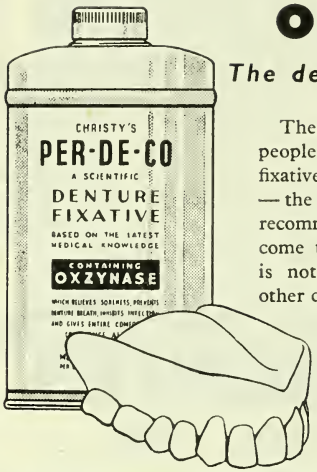
CO-OPERATION DISCOUNTS

10% on orders of £10 and over; 7½% on orders of £5 and over; 5% on orders of £3 and over.

Distributors: INTERNATIONAL CHEMICAL CO. LTD. CHENIES STREET LONDON W.C.1

They can buy it only from YOU

The denture fixative that dentists recommend



There are any number of people looking for a denture fixative, but to get Per-De-Co — the fixative that dentists recommend — they have to come to *you*, the chemist. It is not supplied through any other channel.

See, therefore, that you always give Per-De-Co a good position on your counter. It is the only denture fixative containing Oxzynase, a new oxygen-releasing element which inhibits infection without in any way harming healthy tissue.

CHRISTY'S

PER · DE · CO

PERfect DEnture COnfidence

Distributors: THOS. CHRISTY & Co. Ltd., Farnham, Surrey. 'Phone: Farnham 6484

LEDA
Washing Powder

This amazing new powder gives quicker whiter washing—quicker profits and turnover. Suitable for all fabrics including silks and woollens. Ideal for washing up and general household cleaning.

NO COUPONS

LEDA
Soapless Concentrate

Specially produced for washing delicate articles and other fabrics which require special care in washing. Contains no soda.

"Leda"

CHEMICALS LTD.
PONDERS END, MIDDLESEX
HOWard 2231

Sole Agents for Scotland:—
SOUTHERN MANUFACTURING CO. LTD.
214, West Regent Street, Glasgow, C.2

For TABLETS to your own FORMULA any size up to ½ inch in diameter

LARGE or SMALL QUANTITIES

★ **HOME or EXPORT ENQUIRIES INVITED** ★

TELL PRODUCTS LTD

22-24, ROSEMONT ROAD
LONDON, N.W.6
TELEPHONE: HAMpstead 9203

SHERLEY'S always make *Regular Customers!*

To be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—for empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable good will. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.

SHERLEY'S DOG MEDICINES

A. F. SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E. 1

With prices 'pegged'

—*examine your margins*

Now that selling prices are fixed and expenses still obstinately rising, lines showing a good margin gain an even greater importance.

There is no better codeine-phenacetin-aspirin tablet than Kodeno.

And there is none which gives you a margin of 8½d. on a retail price of 1s. 10d. including Tax.

Are you getting your share?

Write for Bonus Display Terms.

CROSS & MAX LTD
17/18 Bishop's Court, Old Bailey, LONDON, E.C.4.

33⅓% PROFIT FOR YOU!

Every time you sell the 3/10 size Carters you gain 1/-

IT'S EASY to sell the large-size Carters because the customer saves 10d. by buying it, and gets 5 more pills as well. Investigations show that one customer in every three will buy the large size when it is offered them. Supplies are readily available. Send your order now for large-size Carters Little Liver Pills and stop losing easy profits!

ORDER YOUR CARTERS LITTLE LIVER PILLS *Now!*
from THOMAS MARNS LTD., 2 Caxton Street, S.W.1

ALWAYS IN DEMAND

Beaulah's

MALTED MILK

PACKED IN ONE POPULAR SIZE
2/6

J. & J. BEAULAH LTD.
BOSTON, LINCS.

NIPITS

The Medicated Pastilles
FOR VOICE, THROAT & CHEST

TEASDALE & CO. LTD., CARLISLE

ASPIRIN 309

Supplies of this New, Palatable and convenient form of Aspirin — with the lemon flavour—are immediately available. Extensive Advertising supports you and attractive display material sent upon request.

Manufactured by
SMITH, SAVILLE & PARTNERS Ltd.
Willshaw St., London, S.E.14

RECOMMEND PLESOX

The DIFFERENT

STOMACH TREATMENT

WITH

NATION-WIDE ADVERTISING
ATTRACTIVE WINDOW DISPLAY
RECOMMENDATION OF SATISFIED USERS

ARRESTING WINDOW SEALS
CONVINCING LITERATURE

50% PROFIT ON OUTLAY

A large proportion of all stomach sufferers, and most long-standing cases do not respond well to alkaline or antacid products and call for **A SAFE RELIABLE REMEDY ON SOME QUITE *DIFFERENT* PRINCIPLE. *As* THEY NEED IT, SOONER OR LATER**—whether in your shop or elsewhere—SUFFERERS WILL DISCOVER **PLESOX**—and become satisfied users.

WHY LOSE such grateful customers with their constant repeat orders and recommendations to others.

Order now at 23/- mixed display cartons (8 small 4 medium)
SHOWING 50% PROFIT ON OUTLAY.

Retail Prices: **2/3d plus 6d P. Tax. 4/1½ plus 11d P. Tax. 6/9d plus 1/6d P. Tax.**

Distributors for GREAT BRITAIN: **SPLENDOR LIMITED, NOTTINGHAM.**

MANUFACTURERS: GRANTO LABORATORIES LTD., 2 PARKSHOT RICHMOND SURREY

Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:
J. T. DAVENPORT LTD.
UNION ST., LONDON, S.E.1

P.A.T.A.

"BROPARCO" EFFERVESCING

PREVENTS AND
CURES BILIOUSNESS,
RELIEVES CONSTIPATION,
CORRECTS ACIDITY
AND HEARTBURN,
PURIFIES THE BLOOD.

Manufactured by
BROOK, PARKER & CO. LTD.
BRADFORD, ENGLAND.

IT SELLS ON SIGHT!

When your customers see this package of Feen-a-mint—the famous *original* chewing gum laxative—it sells on sight! It is smartly cellophane-wrapped and as display-worthy as ever! Order today, from your usual wholesaler.

Feen-a-mint

WHITE LABORATORIES LTD., MITCHAM, SURREY

OF SPECIAL INTEREST TO CHEMISTS —AND TO THEIR CUSTOMERS

THE NEW KORAY *Elite* DISPLAY CONTAINER & DISPENSER

Created especially for the chemist's counter, this new unit, made throughout of gleaming Perspex to a dignified, modern design, is at once a lastingly attractive showpiece, a useful dispenser and valuable sales creator. It is supplied complete with six KORAY 64's and twelve KORAY 28's (the retail value of which, alone, is 38s.) for 30s. including the contents. Order your Elite Display Container and Dispenser now from your wholesaler.

KORAY LIMITED, KORAY HOUSE, 25, HANOVER SQUARE, LONDON, W.1

AS FROM MARCH 22nd
THE TRADE PRICE FOR
INVALID
Lembar
WILL BE REDUCED TO
21/- per doz.
(retailing at 2/4)

Soluble extract of
Barley ... 7.4%
Sugar ... 23.7%
Glucose ... 10.4%
Lemon Juice 37.0%

Plus Flavouring and permitted preservative

The above percentages are expressed in weight per given volume

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

RALGEX
in **NEW ALUMINIUM CONTAINER**

In order to overcome the carton shortage, RALGEX is now being packed in an aluminium container.

Until the new container is in full production the old carton will continue to be used as an alternative pack so as to maintain supplies. The contents of both packs are identical though the new container is slimmer, as less thickness is required to protect the stick.

Outstanding orders have now been cleared and we can give delivery by return as we do for DIUROMIL.

PHARMAX LIMITED
The Organ Works, Old Hill, Chislehurst, Kent

EUCRYL LTD.
are pleased to announce that
Fred Storey Ltd., 73a Ann St. Belfast
will act as their Agents in N. Ireland from 15 March, 1948, for the sale of Eucryl Dentifrices and Luce's Soapless Shampoo.

BIOLOGICAL MBL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY IDENTICAL WITH THAT OF PRE-WAR PREPARATION

because of our heavy purchases immediately before war broke out. Our stocks are still considerable and the high MBL standard will be fully maintained.

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Prices (inclusive of Tax)	CHEMISTS' PRICE Per unit Net	+ Purchase Tax	Per dozen Net	+ Purchase Tax
ANTIPEOL						
OINTMENT	4 oz. tube	7/5	4/2½	+ 1/5	50/5	+ 16/10
	40 gr. „	3/8½	2/1½	+ 8½	25/3	+ 8/5
	20 gr. „	2/1	1/2	+ 5	14/-	+ 4/8
LIQUID	40 c.c. bottle	3/8½	2/1½	+ 8½	25/3	+ 8/5
OPHTHALMO-ANTIPEOL						
20 gr. Nozzled Tube		3/8½	2/1½	+ 8½	25/3	+ 8/5
8 gr. „ „		1/9	1/-	+ 4	11/11	+ 4/-
RHINO-ANTIPEOL						
20 gr. Nozzled Tube		3/1	1/9	+ 7	21/-	+ 7/-
8 gr. „ „		1/9	1/-	+ 4	11/11	+ 4/-
ENTEROFAGOS						
Box of 50 ampoules		19/-	13/3½	None	159/7	None
„ 10 „		4/3	3/-	None	35/8	None
„ 5 „		2/6	1/9	None	21/-	None
DETENSYL						
Tin of 500 tablets...		43/-	24/-	+ 8/-	288/-	+ 96/-
Tube of 50 „		4/11	2/8½	+ 11	32/4	+ 10/10
ST. JAMES' BALM						
Tin of approx. 2½ oz.		3/1½	1/11	+ 7½	22/6	+ 7/6
„ „ 1 oz.		1/7	11	+ 4	11/3	+ 3/9

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, Monthly Account.

MEDICO - BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

★

COUNT THE COLDS
that come to your counter!

EVERY PERSON WHO COMES INTO YOUR SHOP WITH A COLD, A COUGH OR A SORE THROAT SHOULD GO OUT WITH A CARTON OF MACAULAY'S BRONCHIAL TABLETS

Make an *additional* sale to every customer who has a cold; sell a carton of Macaulay's Bronchial Tablets. Their *high therapeutic value* is due to a carefully controlled formula, their *pleasant taste* to a 70% sugar content with skilfully blended aromatic ingredients. The result is a strong, palatable sweet which fills the mouth with warming, soothing flavours. *You can feel it doing you good.*

Every dozen of Macaulay's Bronchial Tablets is packed in a striking two-colour display outer. Order from your wholesaler or direct from Ashley & Weeks Limited, 165 Mitcham Road, London, S.W.17.

★ **Macaulay's Bronchial Tablets** ★

Hastings Honeymoon

DOMESTIC bliss was cheap in 1887. Matilda and Percival paid £8.15.0 for their 7-piece bedroom suite. It was a year of great expectancy. The full life of the gay nineties was just around the corner with its safety bicycle, bloomers, Gibson Girls and that amazing new invention the incandescent gas mantle. The mortality rate for children under five in London was 78.6 per thousand. Into this world of stark contrasts M.O.F. made its first appearance, one of the earliest attempts at adequate infant nutrition. For 54 years M.O.F. was confined to Scotland. Then in 1941 Scott's distributed their product on a national scale. In the 80's M.O.F. was as modern as the incandescent gas mantle. Today it belongs to the modern world of streptomycin and electronics.

Scott's, baby food manufacturers since 1887, are not only keeping pace with the advance of nutritional science but helping to pioneer it.

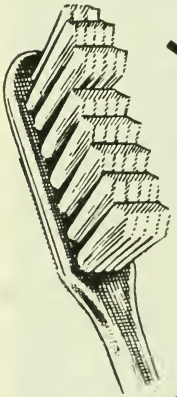
A. & R. SCOTT LIMITED

WEST MILLS, COLINTON, MIDLOTHIAN

Make 2 sales WHERE YOU ONLY MADE 1 BEFORE

Every mother who asks you for **Johnson's BABY POWDER** *is a customer for* **Johnson's BABY LOTION**

JOHNSON & JOHNSON (GT. BRITAIN) LTD. SLOUGH & GARGRAVE



You're the one!

who decides what goods you will sell. See that those goods bring you prestige as well as profit. That means

QUIZ toothbrush

R.A. Rooney & Sons, Ltd. London, E.17

Applied before Work

ROZALEX

REG'D BRAND

Keeps Hands Clean & Healthy

Temporary Pack

For use in the home

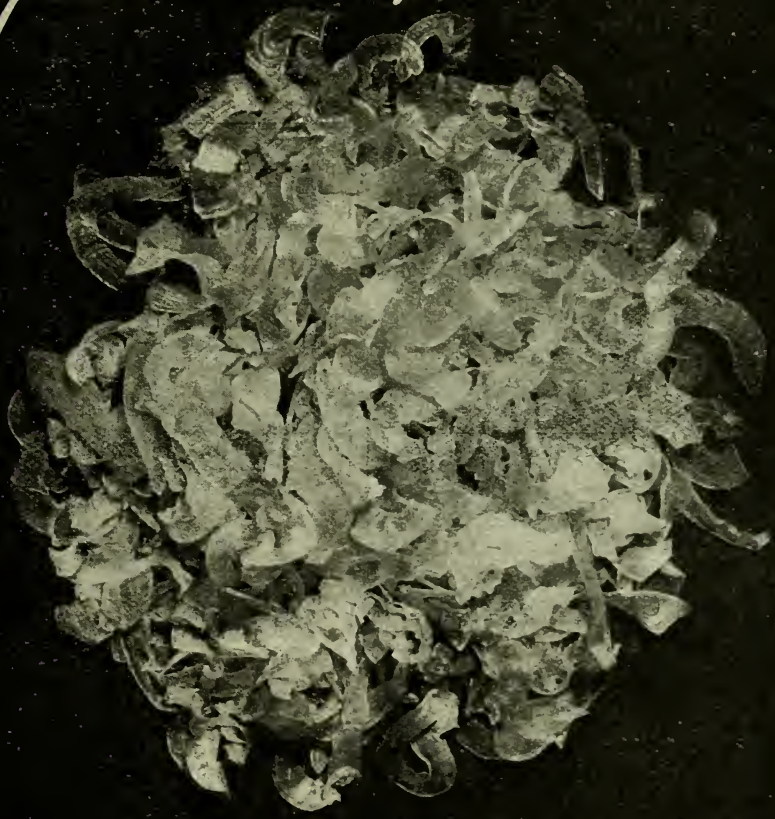
Supplied in Tins

★ *ALSO ROZALEX OINTMENT IN JARS*

Order through your usual wholesaler

Rozalex Limited, 10 Norfolk St., Manchester, 2

Gum Tragacanth



N. S. DANGOOR LTD.

Suppliers to the Industry

PROVINCIAL HOUSE, 98-106, CANNON STREET, LONDON, E.C.4.

MISCELLANEOUS OPPORTUNITIES

★ French manufacturer of empty ampoules in neutral glass, white and yellow, in all shapes, seeks active agents well introduced among pharmaceutical laboratories and other industries using ampoules, for U.K. and Eire. Correspondence in English. Applicants please write first letter, giving full details regarding activities and trade references, to Box 3/147.

BOTTLES

Large quantities available. Dark blue Hex. Poison, Dark blue Square, White Chest, White Shop Round. All Glass Stoppered. Various sizes.

20 gross (approx.) Drop Stoppered Bottles for passive defence — 1 oz.

3/92 C. & D. Office.

BOTTLES & JARS

1,000 gross 3-drm. Flat Oval No. 1 Tablet Bottles, S.N.
100 gross 6-oz. Medical Flats, S.N.
100 gross 1-oz and 2-oz. clear, amber and opal Jars with caps.
500 gross 11 mm. (D.3) Bakelite Caps.

B. JAMES, *131 LATIMER RD., LONDON, W.10. Park 6072*

TINS

All types from 1 oz. to 1 gallon.

Enquiries for regular supplies invited to
Box 3/91

CHLOROFORM—Cloth covered capsules, 40 minim (Duncan). Large quantities of this surplus medical store available at low prices. Easily removed from covering or crushed therein for cleaning apparatus, etc.

Reclamation Dept., NEWMAN & STAFF
Dome Buildings, Richmond, Surrey

To
MANUFACTURERS
EXPORTERS
IMPORTERS

Distributing Organisation, Sound connections, Wholesale, Multiples, Departmental Stores, Co-operative Societies, desire two or three additional first-class products for distribution. Would consider buying and advertising basis for products with large sales possibilities. Representatives covering British Isles, Eire, Northern Ireland. World-Wide Export connections. Write Box 3/33.

SPECIAL OFFER

3½ lb. Free Container Liquorice and Menthol Pellets incl. P.T. for 30/- Cash with order.

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5 GRAINS

BULK AND PACKED 12's, 25's, 50's and 100's
FOR IMMEDIATE DELIVERY.
HOME & EXPORT
Write: **THREE CROWNS TABLET CO.**
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(We can now accept fresh orders)
LIQUIDS: From Bulk Into any size bottle from ⅛ oz.
POWDERS & TABLETS: Mixed and packed to customers Specifications.
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EX MINISTRY STOCKS. New metal funnels 5¼" diam., fitted filters, 1/3 each. Oval quart funnels, new, 1/6 each. Solvent Alcohol, ideal for perfumery, lotions, etc., 22/- gall. Simplex U.S. Safety Razors, 11/- doz. Marlin Super Blades, 12/- box of 100, both inc. tax. 1 oz. Liquorice sticks, each trans. wrapped, 6" long, 3 doz. per box, 3/3 doz. Showcards free. **LEVER, 44 St. Albans St., Leeds, 1.**

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The CHEMIST AND DRUGGIST

SUPPLEMENT

his Supplement is In-
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28 ESSEX STREET, LONDON, W.C.2.

MARCH 20
1948

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acancies advertised are restricted to persons or mployments excepted from the provisions of the ontrol of Engagements Order, 1947.

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RETAIL (HOME)

COMMODATION available, consisting of 5-ned maisonette now being modernised and re-orated for qualified assistant to take charge of ensary. Good hours and salary. No holiday es. Apply Manager, C. Coutts Michie Ltd., 175 ntish Town Rd., N.W.1. Phone Gulliver 1650.

ISTANT DISPENSER required. Partly furnished ommodation can be had temporarily in 2-3 weeks', , until furnished flat is permanently available. newly married couple. Apply with full parti-rs to Hickman & Metcalf, Ltd., Chemists, rket Place, Newbury, Berks.

ISTANT required, qualified or unqualified, male emale. No N.H.I. No Sunday or holiday duties. ellent living accommodation can be arranged. se state usual particulars. Early Bunn, Ltd., mists, 95 High St., Chelmsford, Essex.

BOOTS, THE CHEMISTS, invite applications from qualified assistants, male and female, particularly those who have recently completed their course of study, and from fully trained unqualified assistants under 35 years of age. Applications, stating age, experience, district preferred, etc., to Retail Staff Department, Station Street, Nottingham.

BRISTOL. Qualified assistant wanted (either sex). Chiefly for dispensing. Please apply with usual particulars to Strode Cosh & Penfold, Ltd., 69 Easton Rd., Bristol, 5.

BRISTOL DISTRICT. Pharmacists and pharmacist-opticians. Managership vacancies arising shortly. Permanencies. Good conditions and prospects. Also locum pharmacist, July 5 to September 25, with possibility of permanency. Applications to be made in writing to Bristol Co-operative Pharmacies, Ltd., Castle Green, Bristol, 1.

CHEMIST, qualified, required. Good conditions, no Sundays. Apply: Staff Manager, Birkenhead & District Co-operative Society, Ltd., 14 Catherine St., Birkenhead.

DARTFORD Industrial Co-operative Society, Ltd., require a qualified pharmacy branch manager for good-class residential district. Weekly trade £100. Permanency and excellent prospects. Superannuation scheme with transfer clause. Modern flat over branch available. Applications in writing, stating age, qualifications, experience, and salary required, to Superintendent, Pharmacy Dept., 93 Kent Rd., Dartford, Kent.

HERTS. Good-class market town. Vacancy occurs for qualified manager for busy branch. Excellent opportunity for progressive pharmacist able to build up dispensing connection. Permanency. Possibility of house for suitable applicant. Apply Box 3/83.

LEAMINGTON SPA. Qualified, to manage branch pharmacy; salary and commission. Hours 9 to 6. Prospects of advancement. Hutton & Barrett, Ltd., 42 Parade, Leamington Spa.

LONDON, W.11. Manager (qualified) urgently required for working-class business, busy N.H.I. and brisk counter. Suitable man will be paid well and well looked after. Good living accommodation available if necessary. Apply Box 3/85.

LONDON, S.E. Qualified manager required for middle-class business. No Sunday duty. Flat above available, if necessary, when accommodation found for present occupier. Good opportunity for young pharmacist. State age, experience and salary required. Box 3/121.

MANAGER PHARMACIST required for branch shop. Chingford area. Good supporting staff. No rota duties. Permanency. Full particulars to Jamieson, Chemists (Edmonton), Ltd., 54 Bounces Rd., Lwr. Edmonton, N.9. 'Phone Tottenham 2959.

NORTH LONDON. Energetic young manager (qualified) wanted for pharmacy in northern suburb. Living accommodation available. Permanency with good prospects. Apply Box 3/86.

NOTTINGHAM Co-operative Chemists, Ltd., require the services of pharmacists as branch managers and locums. Permanent positions, eligible for superannuation. Full particulars to Superintendent Chemist, N.C.S., Ltd., Upper Parliament St., Nottingham.

N.P.U. REGISTER OF LOCUM TENENS. The services of a number of qualified locums are urgently required, and pharmacists (male or female), who are at present available for locum duty, are invited to apply to The National Pharmaceutical Union, 4-5 Queen Sq., London, W.C.1.

ORRIDGE & COMPANY. Employment Agency, 184 Strand, W.C.2. Temple Bar 9212/3. Branches at Southampton and Birmingham. Enquiries invited from pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to 184 Strand, W.C.2, in first instance.

PHARMACIST required as relief manager for a group of pharmacies situated in London and the Home Counties. Excellent experience with a managerial position in due course. Give full particulars of previous experience, etc., to Goldthorpes, 10 Powis St., Woolwich, S.E.18. Woolwich 0403.

PHARMACIST. Experienced qualified man to take charge of branch in Central London. Permanency for suitable man. Living accommodation could be arranged if required. Apply Lewis & Burrows, 146 Holborn, E.C.1.

POPLAR. Manager (qualified) required for busy pharmacy in Poplar. Good salary offered to energetic man with experience. Permanency with good prospects. Good living accommodation available. Apply Box 3/84.

QUALIFIED CHEMIST (male or female) required as manager for branch pharmacy shortly to be reopened. Permanent situation. Accommodation (flat) available. Superannuation scheme in operation. Applications stating qualifications, experience, age and salary required to be addressed to the Executive Officer, Norwich Co-operative Society, Ltd., 58 St. Stephen's St., Norwich.

QUALIFIED LADY for West End pharmacy. Apply Manager, Bird & Storey, 1 Marble Arch, W.1.

S.W.16 AREA. Young unqualified male assistant for counter and dispensing, good class suburban business. Permanency. Give references, age and salary. Box 3/205.

SOUTH KENSINGTON. Vacancy for lady assistant for counter and stock. Apply B. R. W. Stickland & Co., 41 Thurloe St., South Kensington, S.W.7. Ken. 4186.

SURREY. Pharmacist manager required very shortly for a high-class family pharmacy in pleasant suburban district. Business builder with experience required. Apply Box 3/88.

URGENT. Qualified lady or gentleman as superintendent for small, busy shop, in Birmingham. Salary, £12 p.w., or by arrangement. Congenial position. Good hours. Good prospects, and permanency to right person. Apply Frank's (Birmingham), Ltd., 394 Lodge Rd., Birmingham, 18.

WEST END, LONDON. Qualified assistant, lady or gentleman, required for West End type of business. Duties principally dispensing and to assist at counter. Good salary. Apply Box 3/87.

WEST LONDON. Capable pharmacist required to manage good-class branch in West London. Suitable experience necessary and ability to handle customers and build up a dispensing connection very desirable. Good salary and prospect of living accommodation if necessary. Apply Box 3/89.

YOUNG LADY, experienced counter assistant for City pharmacy. Apply Box 3/146.

YOUTH or young man required to train in good-class City pharmacy. Good wages and prospects offered to suitable lad willing to work. Apply R. Howden, Ltd., 11 Fenchurch St., London, E.C.3.

LOCUMS WANTED

QUALIFIED LOCUM required from any time now until the end of September, to do relief work in group of businesses in S.W. and S.E. London. Please give full particulars, etc., to Goldthorpes (Chemists), Ltd., 312 London Rd., North Cheam, Sutton, Surrey. Derwent 2804.

RETAIL (OVERSEAS)

QUALIFIED CHEMIST, middle-aged bachelor or young unmarried man who is prepared for a quiet life, required to manage rural pharmacy in native town having population 100 Europeans and 20,000 natives. Salary, £500 per annum, plus free board and lodging and 5 per cent. commission on profits. Three months' notice either side. Available recreations: Golf, tennis and cricket. Applications with full particulars experience and qualifications to Blackbeard Bros., Serowe, Bechuanaland Protectorate, South Africa.

WHOLESALE

A LADY PHARMACIST required by small but long-established manufacturing firm to supervise manufacture of existing preparations and to assist in further development. Write giving details of age, qualifications, etc., and salary required. Box 3/203.

A QUALIFIED PHARMACIST (lady or gentleman) required by an old-established firm of wholesale and manufacturing chemists in London. Major qualification preferred but not essential. Applicant will be expected to take over in a supervisory capacity the manufacture of drugs, galenicals and ointments. The post carries good wages and excellent prospects for a suitable applicant. Apply to Box 3/168.

C.W.S., LTD., requires representatives with pharmaceutical qualifications for the Lancashire, Cheshire and North Wales area. Previous travelling experience desirable but not essential. Applicants should reside in the immediate Manchester area. Applications stating age, qualifications, experience and salary required, to Grocery Committee, C.W.S., Ltd., 1 Balloon St., Manchester, 4, endorsed "Chemist Representative."

COSMETIC & PHARMACEUTICAL. North London firm manufacturing and marketing range international proprietaries and cosmetics needs able and energetic export and general manager. Previous experience is essential, some knowledge French desirable. Please send photo, copy testimonials and very full personal and career details (in own handwriting), to Box CD 530, L.P.E., 110 St. Martin's Lane, W.C.2.

CRYSTAL PRODUCTS, LTD., manufacturers of Gala, Miner's and Outdoor Girl cosmetics, require an experienced representative for Hampshire, Sussex, part Kent, part Surrey. Applications are invited from young, keen and experienced representatives residing on the above territory, preferably well-introduced to the cosmetic trade. Excellent appointment, salary, commission, expenses. Fullest particulars in writing to Crystal Products, Ltd., Hook Rise, Surbiton.

ESTABLISHED and progressive company marketing to retail chemists require a young man of pleasant personality, good appearance and education, resident London area, to join them as representative. Write fully with details of experience, age, salary required. Box 3/192.

EXPERIENCED REPRESENTATIVES required in Yorkshire, Lincolnshire, Leicestershire and West Country, to carry sanitary towels, nationally advertised household dyes and special sundries. Good connection with chemists, Co-operatives and stores essential. Generous commission basis with opportunity of joining regular sales staff when ability proved. Reply, giving exact details of territory covered, to Box 3/162.

TECHNICAL EXECUTIVE

A PROMINENT London firm manufacturing pharmaceutical products requires a qualified chemist with sound knowledge of production and research. The vacancy is due to continued expansion of the business and is a permanent post offering unlimited scope. A good salary will be paid. Apply, giving full details of age, qualifications and experience, etc., to Box 3/217.

ANS MEDICAL SUPPLIES, LTD., require an assist-t analyst of Ph.C. or A.R.I.C. standard. Salary cording to qualifications and experience. Apply the Manager, Evans Medical Supplies, Ltd., 29 eet St., Liverpool, 1.

CELLENT SCOPE for a first-class representative fered by old-established London manufacturers of nsistently advertised perfumery and toilet pre-rations. The territory comprises London, W., W., S.E., Kent, Surrey and Sussex. Applicants ould have experience of the trade and be car wners. Liberal salary, expenses and car allowance. rite fully in first instance to Box 3/129.

PERIENCED REPRESENTATIVES calling on che-ists, hairdressers and stores, urgently required to ke over existing connections in (1) Yorkshire, (2) ncashire, (3) Northumberland and Durham, (4) idlands, by pre-war firm of distributors for well-own English and French cosmetics, perfumes, velties, sundries. Commission only or salary, etc. ox 3/187.

NE CHEMICAL MANUFACTURERS in the Home ounties require analyst to take charge of their alytical and control laboratory. Qualifications re-ired: B.Sc., A.R.I.C., Ph.C., with knowledge of e chemical and alkaloid assays. Salary, £600 per num. House available in approximately 3 months' me. Box 3/68.

OOD CHEMIST. Well-known organisation manu-cturing specialised cereal products has opening for emist with wide experience in laboratory research d quality control. Remuneration commensurate th experience. Apply, giving full particulars, to ox 3/174.

UDDERSFIELD. Qualified assistant required, ainly for small-scale manufacturing laboratory and spensing. Applications, stating full particulars, : Ralph Cuthbert, Ltd., Westgate, Huddersfield.

VE SALES REPRESENTATIVE required for nation-ly advertised product. Must have good connection ith retail chemists in Lancs, Cheshire, Northum-rland, Durham and Cumberland. Full time salary d commission basis or generous free lance com-ission. Box 3/220.

VE SALES REPRESENTATIVE calling on retail and holesale chemists required to carry additional lines Yorkshire area. Well-advertised products. enerous commission. Box 3/222.

OVELUCK EDWARDS & CO., have vacancy for a sident representative in (1) Leeds area · (2) New-stle : (3) South Wales. Applications also invited ondon area. Particulars to 432/440 Garratt Lane, .W.18.

ANAGER for patents and sundries department re-uired immediately by large pharmaceutical whole-le house in North England; must be familiar with l regulations connected with the purchase and le of price controlled and rationed goods, able to rganise the department and make it pay. The osition offers good opportunity of permanency and dvancement. Write with full details of qualifica-ons and experience, to Box 3/164.

MANCHESTER & SALFORD Equitable Co-operative Society, Ltd., invites applications from pharmacists for the positions of manager for central pharmacy and a branch manager. Permanent and progressive positions. Superannuation scheme. Applications, stating age, experience, and salary required, to: Superintendent Chemist, 67 Downing St., Manchester, 1.

MIDLANDS. Capable assistant with dispensing experience required for family business thirty minutes from Birmingham city centre. Congenial post. Salary commensurate wth experience; permanency for suitable applicant. Part-time dispensing assistant also considered. Salary and particulars to L. F. Morris, Market Pl., Wednesbury, Staffs.

OLD-ESTABLISHED FIRM of manufacturing and wholesale chemists require a representative for Yorkshire and the Midlands. Car owner preferred. Experience in dealing with doctors and retail chemists necessary. Progressive position with salary, commission and expenses. Please apply giving full details, to Box 3/224.

OLD-ESTABLISHED north country manufacturer of plaisters and first-aid dressings require representative to call on chemists and wholesalers in London area. With car an advantage. State age and experience. Box 3/228.

OLD-ESTABLISHED makers of C.F. lozenges, pastilles and tablets require young qualified man as representative in part London and Middlesex. Salary, commission, expenses. State age, retail and other experience in first letter. Box 3/173.

PHARMACEUTICAL CHEMIST required by well-known company to take charge of pharmaceutical department. Degree in pharmacy or equivalent qualification and previous industrial experience of ampouling and tableting essential. Apply with full particulars to Box 3/170.

REPRESENTATIVES required for (a) Warwicks, Worcs, Shrops and Staffs, (b) Glasgow and S.W. Scotland, by manufacturing chemists marketing nationally advertised branded line and other products. Essential qualifications: Well-established chemist connection; own car and first-class sales record. Remuneration: Salary, car allowance, hotels and commission. Send full details with copy references. Box 3/191.

REPRESENTATIVE required by well-known Manchester manufacturing chemists as assistant traveller in the London area. Must be young with good retail experience. State full particulars and age. Address: Box 3/194.

REPRESENTATIVES calling on chemists and hardware stores are offered two easy selling repeat lines on good commission basis. Box 3/130.

REPRESENTATIVES OR AGENTS required for all areas with connections with retail and wholesale chemists to take up additional line. Good commission. Box 2/967.

SALES MANAGER required by manufacturing chemists (N.W. London). Only applicants with sound experience need apply. Good salary and prospects. Please give details, including qualifications, age, etc., to Box 3/218.

SALES MANAGER required by well-known firm of manufacturing chemists in the North of England. The position will be well paid and offers permanent prospects and excellent scope to the right man. Experience of selling to the pharmaceutical trade in all aspects is essential and a pharmaceutical qualification would be an advantage. Reply in strict confidence to "Director," Box 3/139.

SALES REPRESENTATIVE required by manufacturing chemist marketing nationally advertised toilet and medicinal products for a territory comprising Northumberland, Durham, Westmorland and Cumberland. Successful applicant will be entitled to join a superannuation scheme and will be provided with a motor car. Write, stating age, experience and salary required, to Box No. F.2200, Bensons, Kingsway Hall, London, W.C.2.

SHARP & DOHME, LTD., will consider applications for a number of appointments to their medical representative staff in various parts of Great Britain and Ireland. The work consists of introducing ethical specialities, mainly products of original research, to medical men and pharmacists. Applicants should be under 35 years of age, having a medical or pharmaceutical background, and keen to conduct medical propaganda. Previous experience not essential as an initial training will be given. Please submit brief personal details, together with photograph, to Homes Sales Manager, Sharp & Dohme, Ltd., Hoddesdon, Herts.

STAFFORD ALLENS require senior works chemist for Long Melford factory. Applicants must hold Ph.C. or B.Pharm. degrees. The appointment will involve responsible control of production. Salary £600-£800 according to experience. Apply, stating age and experience, to Stafford Allen & Sons, Ltd., Dept. D/RPM, 20 Wharf Rd., London, N.1.

STAFFORD ALLEN & SONS, LTD., require an assistant analyst of B.Sc., A.R.I.C. or equivalent standard. Previous experience of the analysis of drugs and galenicals including alkaloidal assays necessary. Knowledge of essential oil analysis an advantage. Salary according to qualifications and experence. Apply by letter to Department D/WM, Wharf Road, London, N.1.

STOCKTAKER required, man with knowledge of drugs, conversant with up-to-date prices and purchase tax requirements, and prepared to travel in all parts of the country. Apply to Barnes & Jarratt, Chemists' Valuers, 4 Charlwood St., Victoria, S.W.1. Tel. Vic. 5686.

SUPERVISOR of packing department required at pharmaceutical laboratories near Kingston, Surrey. Practical experience of large-scale tablet packing essential. Fullest details and salary required to Production Director, Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2.

T. & H. SMITH, LTD., manufacturers of fine chemicals, alkaloids and pharmaceutical products, invite applications for a senior executive position now vacant at their head office at Edinburgh. Very good salary and prospects to the right man, who should preferably be under 40, with a good degree in chemistry and/or pharmacy, with experience in technical and commercial management and general business administration. Apply, Managing Director, T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh, 11, marked personal.

WANTED. Glazier for glazing sun spectacles. Box 3/186.

WELL-KNOWN manufacturing chemists, situated on west coast of Lancashire, and having wide interests in proprietary field, home and export, are seeking an M.P.S. to undertake the duties of buyer. He should have good experience of drug and chemical buying, together with a sound knowledge of the purchasing of all packaging media, cartons, tins, drums, bottles, etc., and must be conversant with up-to-date methods of stock control. The appointment will be interesting and progressive. In applying please give fullest details of experience, age, qualifications and salary required, with indications as to references. Box 3/115.

WORKS CHEMIST with pharmaceutical qualification required by well-known Manchester house manufacturing galenicals, tablets, pharmaceutical preparations, etc., for sale to chemists and doctors. The position offers scope and a first-class opportunity of permanency and advancement to the right man. Technical requirements are: experience in the control of manufacturing processes, an executive ability particularly in the control of staff. Successful applicant will also be required to co-operate in formulation of preparations and the fixing of standards. Reply giving full details, in strict confidence, to Managing Director. Box 3/101.

WORKS CHEMIST with good Honours Degree and and some experience in the production of organic synthetic medicinals. Salary according to qualifications, experience and ability. Apply to Production Director, Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

WHOLESALE (OVERSEAS)

PLANT CHEMISTS urgently required for process plant operation by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum, plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply, stating age, qualifications and experience, etc., to Dept. F.22, Box 1020, at 191 Gresham House, E.C.2.

SITUATIONS WANTED

3/- for 18 words or less, 1d. for every additional word

RETAIL (HOME)

DISPENSER, lady, free for surgery evenings; part-time hospital or public dispensary; experienced. London district only. Canonbury 2521. Box 3/227.

PART-TIME ASSISTANT, single, competent dispensary salesman, active, elderly, unregistered. Statim, c/o Miss Quinn, 2 Laxey Rd., Green St. Green, Farnborough, Kent.

STOCKTAKING, quiet and efficient workmanship, over 30 years' practical experience. Personal supervision. C. W. Playfoot, 8 Aylward Rd., Merton Park, S.W.20. Tel. Libertv 4104.

UNQUALIFIED (middle age). Dispensing, counter, etc., or drug store manager. Well recommended. Box 3/204.

YOUNG UNQUALIFIED ASSISTANT available July, August and September; seaside resort preferable; state whether living accommodation available. Box 3/206.

WHOLESALE

ADVERTISER with wide experience as sales supervisor, sales manager and commission salesman, seeks position as sales manager in progressive non-combine company. Box 3/179.

BUYER, many years' experience in manufacturing chemists, cosmetic and household trades, seeks similar or other managerial position requiring organising and administrative ability, anywhere at home or abroad with prospects. Box 3/157.

CHEMIST/CHEMICAL ENGINEER with experience of all types of plant erection is now free to advise on technical difficulties. Boilers, pressure vessels, evaporators, etc., erected or repaired on site according to plan. Box 3/202.

CONSULTANT CHEMIST, much experience in all realms, is now free to engage in research on various technical problems. Box 3/200.

EXPORTS. Advertiser (38), at present outward freight manager with steamship company, desires change and offers services to manufacturing exporters. Conversant with Customs procedure, etc. Would consider overseas appointment. Box 3/197.

EXPORT SALES MANAGER desires change. Well-connected, widely travelled, mutli-lingual, influential overseas personal and business contacts. Minimum four figure salary plus. Write, X. Y. Z., c/o Chemical Club, London.

FIRST-CLASS REPRESENTATIVE calling chemists, departmental stores, London and Middlesex, excellent connection, desires change with firm of repute. Salary, commission, expenses. Box 3/184.

REPRESENTATIVE, covering Surrey, Sussex and Kent, calling at chemists and stores, very well introduced, seeks additional representation by manufacturers only. Box 3/229.

SALES MANAGER with wide experience in marketing cosmetics, proprietary medicinal products, etc., in home and export markets, seeks appointment. Box 3/207.

TRAVELLER, 25 years' experience, Birmingham, Midlands, wishes to represent high-class house. Drugs, packed goods, proprietaries, etc. Resident Birmingham. Box 3/219.

APPOINTMENTS

EXPERIENCED LOCUM DISPENSER

(Hall's Qualification) required for two weeks commencing 13th September to 25th September, 1948, inclusive. Apply with two recent references to the Secretary and House Governor, Royal East Sussex Hospital, Hastings.

METROPOLITAN HOSPITAL
Kingsland Road, E.8

ASSISTANT PHARMACIST required. Salary in accordance with J.N.C. Scale, plus lunch and tea. Federated superannuation scheme in force. Hours 9 till 5. No Sunday duty. Hospital experience preferred, but not essential. Applications, giving age, experience and references, to the House Governor.

MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST for NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. J.N.C. (Hospital Staffs) Scale. £370 to £450 inc. Similar experience may determine commencing salary. Whole time, established, pensionable, subject to medical examination. Applications, stating age, qualifications, experience, with copies of up to three recent testimonials, to MEDICAL DIRECTOR of Hospital immediately (quoting D.591). No forms.

C. W. RADCLIFFE,
Clerk of the County Council.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST required at WEST MIDDLESEX COUNTY HOSPITAL, Isleworth, Middlesex. J.N.C. (Hosp. Staffs) scale £370 p.a. to £450 inclusive. Similar experience may determine commencing salary. Must hold one of Pharmaceutical Society's qualifications. Whole-time duties under Medical Director and Chief Pharmacist. Established, subject to medical examination. Applications, stating age, qualifications, experience, enclosing copies of up to three recent testimonials, to MEDICAL DIRECTOR of Hospital (quoting D.570 CD).

MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST required for CHASE FARM HOSPITAL, Enfield, Middlesex. Non-resident, unestablished, possible establishment or locum capacity if preferred. Salary, if unestablished, £370-£450 p.a. inclusive; if locum up to 10 gns. p. wk., according to experience, for maximum period of three months. Recently qualified pharmacists considered. Application, stating age, qualifications, experience, with copies of up to three recent testimonials to Medical Director of hospital by 10th April (quoting D.859 CD). No forms.

C. W. RADCLIFFE,
Clerk of the County Council.
Middlesex Guildhall,
S.W.1.

REDHILL COUNTY HOSPITAL,
EDGWARE, MIDDLESEX.

REGISTERED ASSISTANT PHARMACIST required. J.N.C. (Hosp. Staffs) salary £370-£450 p.a. inclusive. Similar experience may determine commencing salary. Whole-time, established, pensionable, subject to medical examination. Application, stating age, qualifications, experience, with copies of up to three recent testimonials, to Medical Director of Hospital immediately (quoting D.815 CD). No forms.

ROYAL DEVON & EXETER HOSPITAL, EXETER

ASSISTANT PHARMACIST (male) required. Salary according to J.N.C. (Hospital Staffs) Scale, commencing at £370 p.a. F.S.S.N. & H.O. in force. Hospital experience preferred, but not essential. Applications with full particulars and copies of not more than three testimonials to the Secretary within the next 14 days.

SOUTHPORT GENERAL INFIRMARY

ASSISTANT PHARMACIST, qualified, required. J.N.C. salary scale, £370 by £15 to £450. Federated superannuation scheme in force—to commence duty middle April. Applications, giving particulars of age, experience, etc., together with copies of three testimonials, to be sent as soon as possible to the Superintendent and Secretary.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—
ST. HELIER COUNTY HOSPITAL, Carshalton.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive.

Applications in writing, stating age, qualifications and experience with copies of not more than three recent testimonials should be sent to the Medical Superintendent of the Hospital.

SURREY COUNTY COUNCIL

ST. LUKE'S HOSPITAL, GUILDFORD
PHARMACEUTICAL PUPIL (male or female) required. Preference will be given to candidates who have passed the final examination for a University Degree in Pharmacy or the Pharmaceutical Chemist Qualifying Examination. Salary will be £200 per annum for candidates who have passed one or other of these examinations, and in the case of other candidates will vary according to age and experience of pharmaceutical work possessed by them. Further particulars may be obtained from the Medical Superintendent of the Hospital, to whom applications by letter, stating age, qualifications, and experience, together with copies of three testimonials, if possible, should be sent.

THE STOCKPORT INFIRMARY

Locum Pharmacist required for one week May 31st to June 5th both dates inclusive, and for two weeks September 13-25th both dates inclusive. Terms £10 10s. per week, plus railway fare. Apply to the Secretary-Superintendent.

THE WEST RIDING JOINT PRICING COMMITTEE,
55 WESTGATE, WAKEFIELD,

invite applications from Qualified Pharmacists for position as Assistant to the Superintendent. The salary is £485 per year, rising by annual increments of £15 to £525 per year.

Applications to reach the Secretary at above address not later than seven days after the date of this insertion.

IMPORTANT—

Box Office numbers are intended exclusively for specific answers to particular advertisements and in no case can Price Lists, Trade Circulars, Samples and Printed Matter be forwarded. Communications contravening this Rule will not be forwarded.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word

ACTIVE AGENTS calling on chemists wanted in several areas for representation of new proprietary tonic tablets, fully approved C.F. line, which will be nationally advertised. Applications from live salesmen, stating ground covered and houses represented at present and other relevant details, are invited. Remuneration can be on commission only if really ambitious and hardworking men selected so desire, but only tip-top candidates should apply, to Box 174, George Murray (Advertising), Ltd., 184 Strand, London, W.C.2.

AGENTS wanted to call on chiropodists only. Trade Marked product in constant need by the profession, well proven, without competition. Success assured. Generous commissions and reserved territories (Great Britain only) available. Box 3/176.

FIRM OF NATIONAL REPUTE, covering England and N. Wales by representatives to chemist and grocery trades, would consider carrying additional advertised line on agency basis. Box 3/167.

SOLE AGENCY distributor required for established firm of perfumers and toilet manufacturers with exclusive lines. Approximately 4,000 retail buyers. Only absolutely first-class houses with established sales organisation need apply. Box 3/198.

AGENCIES WANTED

8/6 for 36 words or less, 3d. for every additional word

EXPERIENCED REPRESENTATIVE with excellent personal connection London and Middlesex now handling leading proprietaries, requires further agency. On commission only. Box 3/178.

MANUFACTURERS' AGENT calling on wholesalers in the United Kingdom wants good shaving sticks and imported vacuum flasks; also lines for export to Eire wholesalers. Box 3/171.

BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

AGAR AGAR. Advertisers would like to contact importers of this commodity. Please state price, country of origin, whether strip or powder, together with type of package. Box 3/181.

FIRM of manufacturing chemists with excellent connection in South and West Wales wish to represent manufacturers in this area. Large factory space to handle goods. Box 3/182.

FIRM of manufacturing chemists desirous developing a new household line prepared consider offers. Product must be of exceptional merit and likely to be in good demand. Box 3/210.

INVESTMENT OPPORTUNITY. Firm of wholesale chemists is open to receive applications from individuals desirous of investing moderate amounts of capital. The business is progressive and is of an ethical character. Box 3/166.

NEWLY-FORMED FIRM of manufacturing chemists shortly to commence production of phenols, benzene and its derivatives, pepsin, sodium hydroxide and various other fine chemicals and pharmaceuticals, invites inquiries for long-term contracts. Only firms of repute who are actual manufacturers or exporters need apply. Current prices operative. Details to Box 3/199.

MANUFACTURING CHEMISTS have facilities and space available for the manufacture, packing and bottling of domestic, toilet and industrial products. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Tel. Reliance 3435.

SMALL FIRM of manufacturing chemists would be willing to consider any proposition that would absorb their surplus capacity. Fully equipped for filling powder, liquid, cream, ointments, etc. Ample labour available. Factory, offices and warehouse 40 miles West of London on main line. Would entertain new ideas or new off-quota lines. An interest in business could be arranged. Box 3/172.

BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

BOURNEMOUTH. Sound established business for sale. Turnover exceeds £6,500. Freehold property includes flat with vacant possession and garage. Box 3/185.

FOR SALE. Wholesale chemists and sundriesmen with Trade Mark, motor vehicles, goodwill, fixtures and stocks, etc. Limited company. Turnover last year £47,000. Lease by arrangement. Write to auditors: Elliott & Co., 2 Station Rd., Ilford.

FOR SALE. Toilet preparations manufacturers and wholesale sundries. Licence £1,362 per annum controlled goods, no restriction on 50 per cent. goods. Excellent allocations for spirit and raw materials. Price £4,000. Including all stock and equipment and office complete. Owner going abroad. Box 3/72.

SOUTH MANCHESTER. Good residential area. Owner retiring. Takings approximately £80 per week increasing. Stock at valuation. Goodwill, fixtures, etc., £2,200. Modern house and shop, good living accommodation. Property, £3,500. Banker's reference. Box 3/165.

£2,000 OR NEAR OFFER. Herbal stores, main street, Bedford, eight rooms, yard, outbuildings, 21 years' lease. Rent only £100 year. Exclusive. Electricity, gas, telephone. Chance to add chemists' and optical goods. Vacant possession when required. Principals only. Stamped envelope or 'phone Bedford 5430. Proprietor, 6 St. John St., Bedford, Beds.

BUSINESSES WANTED

8/6 for 36 words or less, 3d. for every additional word

WANTED in London or South Coast area, business where possibilities of increased turnover exist as result of efficient personal supervision. Living accommodation not essential. Replies in confidence to Box 3/183.

EXPORT TRADE

DENMARK. Well-introduced, energetic import agent, visiting London beginning April, seeks British manufacturers' representations, preferably industrial chemicals. Write Box 3/214.

PATENTS

IT IS DESIRED to secure the full commercial development in the United Kingdom of British Patents Nos. 482,886 and 525,199, which relate to "Local Anæsthetic Bases and Process of Preparing Same" either by way of the grant of licences or otherwise on terms acceptable to the patentee. Interested parties desiring copies of the patent specifications should apply to Stevens, Langner, Parry & Rollinson, 5 to 9 Quality Court, Chancery Lane, London, W.C.2.

PREMISES FOR SALE

FREEHOLD FACTORY (built 1937). 3,500 sq. ft. on two floors. 1,200 sq. ft. covered yard. ¾-acre site. 350 ft. main road (A.6) frontage. All services connected to plant suitable for mixing, packing, powders, pastes and polishes, etc. £12,500 (incl. plant). Salvesen & Co., Agents, Harpenden, Herts. Tel. 625.

MISCELLANEOUS SALES

/6 for 36 words or less, 4d. for every additional word

FEW 5½ kg. TINS of imported Morella cherry rup with 65% sugar added, available at 6s. per . Box 175, c/o George Murray (Advertising), d., 184 Strand, London, W.C.2.

LITE POWDER FILLER for sale, complete, in good der. Capacity 4 oz. to 14 lb., light or loose fill. 130 delivered. Box 3/163.

SPIRIN B.P. POWDER, quantity up to 1 ton vailable ex stock, packed in 1-cwt. kegs. Butyric id, 6 cwt., in 10-gall. drums. Write Box 3/213.

OTTLES AND JARS for disposal in various sizes, small or large lots. Oval ribbed 6, 8, 10, 12, 16 nd 20-oz. Cylindricals, 8, 10, 16, 20 and 40-oz. edicals 6, 8, 10, 16 and 20-oz. 6-oz. cream jars. arious small lots brown, opal and clear glass 1, 2, and 4-oz. jars, squat and tall. 1-oz. and 2-oz. blet bottles. Cylindrical tins, bottle shape, 10-oz. nd 12-oz. to clear. L.L.N. & Co., Ltd., Anlaby d., Hull.

OTTLES. 2,500 gross ½-oz. amber square. 2,000 ross ½-oz. amber cannons. 800 gross 1-oz. medical ats. 250 gross ½-oz. clear glass cannons. Samples nd prices apply Rapidol, Ltd., 22 St. Margaret's d., Hanwell, W.7.

OTTLE-SHAPE TINS for sale, 10 and 12-oz. sizes, ith crown caps or corks. Also bottles and jars in l sizes and types, including perfumery and medical ypes. L.L.N. & Co., Ltd., 216 Anlaby Rd., Hull.

OTTLES. Number of 6-oz. medical flat bottles ith screw caps, surplus to requirements, for sale, ee delivery in the London area. Best price ccepted. Box 168, c/o George Murray (Advertis- g), Ltd., 184 Strand, London, W.C.2.

OR SALE. Considerable quantity of unused printed lcum powder tins, round sprinkler top, 22/6 per ross, and lever lid tins 2 1/16" x 3½", 15/- per gross. ll suitable for gummed labels, or arrangements n be made for respraying. Apply Box 3/225.

LYCERINE. A few cwt. B.P. available. Offers nvited. Box 3/226.

YDROGEN PEROXIDE, 30% 100 volume in non- eturnable iron crated carboys available. Write to ox 3/169.

EG MAKE-UP available in bulk or small lots, to ear. L.L.N. & Co., Ltd., Anlaby Rd., Hull.

AGNIFICENT Marconi autoradiogram for sale at asonable price. Photograph and full particulars om Box 3/208.

ANUFACTURERS have surplus stocks of 1 oz. edical bottles for disposal. Write Box 3/127 for ull details.

DOURLESS MINERAL OIL, Pool 30, for sale. A imited number of drums to clear at 7s. per gallon. Box 3/195.

HOWCASES, glass counters, quick serving and air- ight fittings, in oak or mahogany. Stock or made o your requirements. Repair Dept. Counters or fit- ings loaned during repairs. John Carbey, Ltd., 433 High Rd., Tottenham, N.17. Tot 6570.

TOCKS surplus to requirements: 2 tons technical hite oil, Pool 30. 4 28-lb. caffeine citrate B.P.C. What Offers? Box 3/190.

URPLUS. 1 ton zinc oxide B.P. Best offers invited. Box 3/216.

URPLUS. 160 lb. rosemary oil. Best offers in- vited. Box 3/215.

URPLUS for sale, 2 drums each almond, hazelnut nd refined teaseed oil. Box 3/50.

URPLUS. For sale, malt extract and malt with cod iver oil. Bulk or packed. Keen prices. Box 1619, Eason's Advertising Service, Dublin.

ECHNICAL WHITE OIL (Pool 30), also slab oil, in 40-45-gall. barrels, at 6s. 6d. per gallon. Barrels nd delivery free. Box 3/175.

EN TONS SESQUICARBONATE OF SODA, original bags. Offers. Phone Maida Vale 3120.

TWO PASCALL powder mixers, complete, as new. Offers. Phone Maida Vale 3120.

VARNISH MIXER, 1 x 30 gallon, with flame-proof motor. Unused. Price £110. 1 x Ormerods Q.P. Emulsifier. Output 25 gallons per hour. Unused. Price £60. Gestetner Duplicator, ream model, hand operated. Latest model, in new condition; scarcely used. Price £50. 1½ cwt. gum sandarac. Price 4s. 6d. per lb. Wm. Hallworth, Ltd., Vine St., Hazel Grove, Stockport.

WE CAN SUPPLY absorbent wool of Dutch manufacture, packed in one pound rolls. Available in one cwt lots only, at 2s. 7½d. per lb. for hospital and 3s. 2¾d. per lb. for best. Both prices subject to plus 10% duty charges. Edwards Surgical Supplies, 66 Mortimer St., London, W.1.

WINCHESTER QUARTS, clear, poison type, good condition, price 1s. 2d. each ex our works. Enquiries to Northland Salvage Co., Victory Mill, Water Lane, Halifax. Tel. Halifax 5435.

ZINC STEARATE. Small regular quantities available. Inquiries solicited from actual users only to Box 3/188.

22 GROSS best quality all-purpose cream, 2-oz. size, 12s. per doz., plus tax (home market). Box 2/981.

200 GROSS 4-oz. cork mouth flat medical bottles in pale green glass. Box 3/223.

WANTED

8/6 for 36 words or less, 3d. for every additional word

ACTUAL MANUFACTURERS in urgent need of glycerine and hyplas, would appreciate offers for any quantity, large or small, to Box 3/69.

BOTTLES. 26-oz. and 13-oz. wine or champagne bottles required. Box 1/853.

GLYCERINE, chemically pure, required in any quantity. Cash by return. Box 3/132.

LIQUORICE pellet-making plant required. Offers to Box 3/48.

REQUIRED. Complete fixtures for a chemist's shop, including window back. Please state full description, dimensions and prices. Individual items considered. Write Chemist, 31 Sefton St., Liverpool, 21.

SACCHARIN TABLETS. Packets of 100 standard strength wanted against cash by retail chemist. Delivery must be prompt. Box 3/70.

SACCHARIN TABLETS, standard quality, wanted in large or small quantities for cash. Box 3/180.

STEARIC ACID, triple pressed, required in large quantities. Box 147/850.

STEARIC ACID (triple pressed) wanted in large or small quantities. B.P. glycerine available if required as part payment. Box 3/189.

TABLET MANUFACTURERS in urgent need regular supplies of lactose B.P. Large or small quantities. Offers to Box 3/221.

TRIPLE PRESSED STEARIC ACID and glycerine urgently required. Offers invited. Box 3/196.

WANTED. Any quantity corrugated cardboard sleeves to fit 8-oz. flat medical bottles. Price and samples to Deeday Medical Co., Merthyr Tydfil.

WANTED. Glyceryl-monostearate. Triple pressed stearic acid. Saccharin 550 powder. Vanillin. White petroleum jelly. Large and continuous supplies required. Immediate payment. Box 2/990.

WEIGHING MACHINES, 1d. slot, wanted. Any make or condition: Avery, Salters, Autoways, etc. Send full particulars and price to Bolland, 41 Fellbrigg Rd., E. Dulwich, London, S.E.22.

WHITE PETROLEUM JELLY in bulk required. Offers to Box 3/209.

FOR SALE

8/6 for 36 words or less, 3d. for every additional word

FOR SALE. Kodak folding camera, 3A model, in leather case, perfect condition. 2 pessary moulds, 1 suppository mould. Reasonable offers accepted. Box 3/177.

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COTTON WOOL, English, no duty. 4-oz., 8-oz., or 16 oz. sizes. Hospital or B.P.C., from 56 lb. upwards, any size. Limited quantities, normal price. Poldens, Thermometers, Instruments, Sundries, 10 Burney Ave., Surbiton.

FOR SALE. Laboratory refrigerating unit, D.C. current. Specification on application. Box 3/201.

FOR SALE. 12 4-lb. tins genuine Pyrethrum powder. 1 W.Qt. oil Chenopodium (Willows), 14 lb. Ac. Stearic (Bayer). Offers please. Also 5/9 Hiltone Bleach. A. C. Bowden, 7 Mill St., Ottery St. Mary, Devon.

GLASS COUNTER TOP SHOWCASES, flat, plate and mahogany, by Sage, London. Three available, £15 each; state lengths required; £30 the lot for quick sale. Bargain. Buyer must arrange carriage ex Newcastle-on-Tyne. Box 3/77.

MANESTY steam-heated water still No. 1. Capacity 4 galls. per hour. New, unused, surplus to requirements. Box 3/193.

SURPLUS STOCK. 1 cwt. phenacetin, 3 cwt. aspirin cryst. and gran. Both P.T. paid. Also phenolphthalein, 2 cwt. Offers wanted. Box 3/95.

TRADE MARKS

THE following registered Trade Marks were assigned on November 11, 1947, by Staniform, Limited, of Carnwath Road, Fulham, London, S.W.6, to Whiffen & Sons, Limited, of Fulham, whose registered offices are Harvest House, Ipswich, *without the goodwill of the business* in which they were then in use. 479511, Staniform, 495429, Staniform (Label), 498104, Staniphur (chemical substances used for veterinary purposes). 479512, Staniform, 495430, Staniform (Label), 498105, Staniphur (chemical substances prepared for use in medicine and pharmacy).

THE following registered Trade Marks were assigned on March 19, 1947, by Allcock Manufacturing Company of 4-8 Argyle Street, Birkenhead, Cheshire, England, and Brandreth Works, Water Street, Ossining, New York, U.S.A., to Allcock Products, Limited, of 4-8 Argyle Street, Birkenhead, Cheshire, *without the goodwill of the business* in which they were then in use: No. 395155, Nailoid. Goods: Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap). No. B583636, Label, bearing the word "Nailoid" and device of a hand. Goods: A soap cream (not medicated), being a toilet preparation for use in manicuring the hands and feet. No. 585989, Trins. Goods: Impregnated or treated pads (being non-medicated toilet articles) for removing nail polish. No. 601929, Flo. Goods: Instruments for cleaning and polishing the nails. No. 609882, Scan. Goods: A pharmaceutical preparation. No. 629990, Kindhart. Goods: Metal traps for animals. No. 629991, Kindhart. Goods: Traps for flies, insects and vermin. No. 630078, Arrow. Goods: Canoes and boats. No. 635854, Starlight. Goods: Perambulators. No. 635855, Fleetwing. Goods: Knitting needles. No. 636348, Zest. Goods: Tin-openers. No. B638180, Prong. Goods: Traps for flies, insects and vermin. No. 638790, Kitty. Goods: Stepladders and ladders, none being wholly or principally of metal, seats (furniture), stools, chairs and benches (furniture). No. 639581, Flo. Goods: Clothes horses, portable devices (not employing heating elements) for airing and drying clothes. No. 640294, Twink. Goods: Tweezers. No. 640295, Pat. Goods: Vegetable peelers (being hand tools). No. 640296, Ada. Goods: Domestic clothes airers, not being parts of installations, and not containing heating elements. No. 640947, Molly. Goods, Laundry bags of textile materials. No. B643158, Trims. Goods: Impregnated or treated pads (being non-medicated toilet articles) for removing nail polish and nail varnish).

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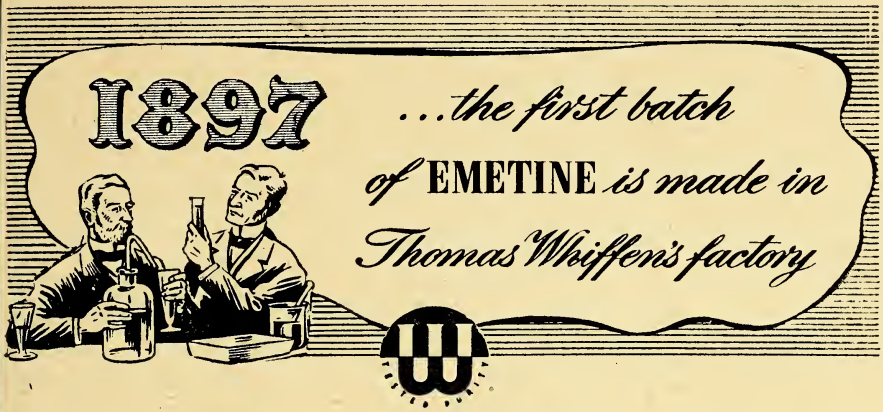

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